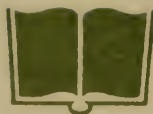


BOARD OF HEALTH REPORT

1910 - 1911

SAN FRANCISCO



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ANNUAL REPORT

OF THE

Department of Public Health

San Francisco, Cal.

FOR THE

FISCAL YEAR, JULY 1, 1910, TO JUNE 30, 1911

BOARD OF HEALTH

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ED. M. COFFEY

Statistician



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Report of Board of Health

REPORT OF THE PRESIDENT AND OF THE HEALTH OFFICER.

San Francisco, Cal., August 15, 1911.

Honorable P. H. McCarthy,
Mayor of the City and County of San Francisco, Cal.

Sir:—Pursuant to the provisions of Section 9, Article XVI of the Charter of the City and County of San Francisco, I have the honor to submit herewith a full and detailed report of the work of the Department of Public Health for the fiscal year ending June 30th, 1911.

On September 30th, 1910, Dr. T. B. Roche, a member of the Board, resigned his position, owing to pressure of private business, and on November 11, 1910, Henry D. Brusco, M. D., was appointed to fill the vacancy.

On January 10, 1911, George Lee Eaton, M. D. was unanimously elected President of the Board, and assuming the duties of his position made the following appointments on the various committees:

HOSPITAL COMMITTEE.

Henry D. Brusco, M. D., Chairman; Guy E. Manning, M. D. and Mr. Germain Pouchan.

FINANCE COMMITTEE.

Mr. G. Pouchan, Chairman; D. J. Murray and A. M. Sharp.

BUILDING COMMITTEE.

A. M. Sharp, Chairman; Frank J. Klimm and G. Pouchan.

SANITATION AND LEGISLATION COMMITTEE.

F. J. Klimm, Chairman, H. D. Brusco, M. D., and D. J. Murray.

JOINT COMMITTEE BOARD OF EDUCATION AND BOARD OF HEALTH ON SCHOOL MEDICAL INSPECTION.

Guy E. Manning, M. D. was appointed to fill this chair.

Much important legislation has been enacted during the year just closed and many measures looking towards proper sanitation and improvement of hygienic conditions have been adopted. Perhaps one of the most important steps yet taken by any Board of Health in the history of this city, was the establishment of the

MUNICIPAL CLINIC.

The work of "Red Plague" suppression has been the theme of medical men and municipal authorities for numberless years, and as the history of these movements appeared to indicate that they were not at all times entirely successful, yet your Board of Health, after due deliberation and a thorough discussion of the point at issue, at a meeting of the Board of Health held on December 2, 1910, adopted the following resolution:

BOARD OF HEALTH

"RESOLUTION"

"Whereas, The California State Board of Health through public announcement has called the attention of this Board to the fact that it has become the duty of Boards of Health to encourage and maintain a progressive campaign against all communicable and avoidable diseases, and

Whereas, amongst this class of diseases are those which are classed under the general head of "Venereal," and

Whereas, The San Francisco Board of Health, fully realizes the imminent danger to the citizens at large through the dissemination of this form of infection, and also the important bearing that it naturally has on future generations, and

Whereas, this Board fully recognizes and appreciates the enormity of the task involved in any effort that may be made to regulate the social evil, and through intelligent cooperation and proper legislation to bring this phase of Health Department work under a proper control, therefore be it

Resolved, that this Board of Health extend an invitation to the various officials and organizations, State and Municipal, and representatives of the various religious denominations throughout the city, to attend a conference to be held in the rooms of the Board of Health with the members of said Board, on Wednesday, December 14th, 1910, at the hour of 8 P. M., for a full and free discussion as to the proper method to pursue in order to inaugurate a successful movement in the direction of regulating the social evil."

Pursuant to the call embodied in the foregoing resolution, representatives of the California State Board of Health, San Francisco County Medical Society, representatives from the Catholic, Protestant and Hebrew churches, members of the several civic bodies in San Francisco, the Chief of Police and various other citizens interested in this movement met with the Board of Health on several occasions and on February 11th, 1911, the following regulations were adopted:—

REGULATIONS OF THE MUNICIPAL CLINIC OF THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA, FOR THE PRE- VENTION OF VENEREAL DISEASES, 1911

REGULATIONS OF THE BOARD OF HEALTH OF THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA.

PREAMBLE

In an effort to prevent the promiscuous dissemination of infection through the medium of venereal diseases, which class of diseases are included under the heading of "Communicable Diseases," to minimize as far as it may be possible the dangers arising from these loathsome maladies, and to that end to exercise an intelligent and systematic medical supervision over that class of individuals, who, through the nature of their habits, render possible the spread of this class of diseases, the Board of Health hereby enacts the following regulations with reference thereto:

SECTION 1.

Limits and Boundaries.

Par. 1. The class of individuals referred to in the foregoing preamble shall confine themselves to the following named limits and boundaries, to wit: Commercial street from the westerly line of Kearny street to the easterly line of Grant avenue; Jackson street from the westerly line of Kearny street to the easterly line of Grant avenue; Pacific street from the easterly line of Montgomery street to the westerly line of Front street; Bartlett alley (now Beckett) from the north side of Jackson street between Kearny and Grant avenue north to Pacific street; Washington place (now Wentworth place) from north side of Washington street between Kearny and Grant avenue north to Jackson street.

SECTION 2.

Establishment of Clinics.

Par. 1. There shall be established at appropriate locations (hereafter to be selected as circumstances may require) clinics for the reception and proper medical examination of all such individuals heretofore mentioned, all of said clinics to be under the control of a Board of Supervision, appointed by the President of the Board of Health, said Board to consist of a Chief Clinician, who shall be a reputable duly registered physician, and a Superintendent, who shall have complete control of the operation of said clinic or clinics, subject only to such regulations as may be put into effect by the Board of Health or such Advisory Committee or Commission as may hereafter be appointed for the purpose of carrying out the object of these regulations.

Par. 2. Said Chief Clinician and Superintendent shall be appointed by the Board of Health upon the nomination of such Advisory Committee or Commission as aforesaid, and all employees of said clinic or clinics shall be appointed by the Board of Supervision as mentioned in paragraph 1 of this section, subject to confirmation by the President of the Board of Health.

Par. 3. All officers and employees of said clinic or clinics shall receive such compensation as may be hereafter determined upon and such compensation shall be in full for all services.

SECTION 3.

Par. 1. All orders covering the working of the clinic shall be signed by the Chief Clinician and Superintendent jointly.

Par. 2. The hours in which physicians must be in attendance at said clinics are hereby fixed as follows:

At least one physician between the hours of 1 and 3 p. m. of each week day and at least one between the hours of 3 and 5 p. m. of each week day (legal holidays excepted.) The arrangement of service to be determined by the Chief Clinician.

BOARD OF HEALTH

Par. 3. The nurse or nurses shall be in attendance each week day from 9 a. m. to 5 p. m. (legal holidays excluded).

Par. 4. All other employees shall be in attendance each week day from 9 a. m. to 5 p. m. (legal holidays excluded).

Par. 5. It shall be the duty of the physician on duty to make a complete physical and microscopical examination of each and every individual who may present themselves for such purpose, particularly with a view to determining the existence of local and general conditions which might tend to the dissemination of diseases of a venereal character.

Par. 6. The result of such examination shall be reported to the office of the clinic and entered in full on the office records of said clinic on a suitable record card, provided for such purpose, which record shall contain the name, age and residence of the person so examined, also a physical description of such person, i. e., color, height, weight, shade of hair, general build, and enumeration of any and all visible marks or scars, or any physical peculiarity that may be of value in establishing the identity of such individual. A photograph of such individual shall also be attached to the record of each.

Par. 7. It shall be the duty of the properly designated person in charge of the office of each clinic to affix his signature, also the date of each examination, to a card to be carried by each such individual, which signature shall certify to the fact that the regular examination of such person has been made and found satisfactory, on the date mentioned, in the event that such person be not found affected with venereal disease, but should such person be found to be infected, the card or book of such person shall be taken up by the office, and an appropriate card indicating that such person is under treatment shall be issued, and said card shall entitle the holder thereof to free medical treatment at such clinic and it shall be the duty of the clinic physician to administer the necessary medical treatment requisite to render said individual a healthy person, or if necessary to enter such person in a hospital for proper treatment. When such person has been declared entirely recovered a new card shall be issued to the individual as provided for in paragraph 2 of section 4 of these regulations.

Par. 8. It shall be the duty of the nurse to receive and prepare for medical examination and treatment all such applicants and to assist the attending physician in all cases applying at such clinic for examination and treatment, and to execute all orders for such attending physicians in matters relating to the purpose of these regulations.

Par. 9. It shall be the duty of the Superintendent to see that a true and correct record is made of all cases examined and treated by the attending physicians, as provided in paragraphs 5, 6 and 7 of this section, said record to be so kept as to be easily available at all times for ready reference. All such record cards shall be appropriately numbered, and such numbers shall accurately correspond to the number appearing on the card to be carried by each individual. Said Superintendent shall execute all orders issued by the Supervisory Board in relation to the purposes of these regulations.

Par. 10. Said Superintendent shall designate a proper person (who shall be confirmed by the President of the Board

of Health) to receipt for all fees paid in for medical examinations as called for in these regulations as hereinafter provided. Said receipts to be in duplicate, appropriately numbered, the original to be handed to the individual paying the fee, the duplicate to remain in a bound book kept for such purpose. A full, detailed and accurate record must be kept for all fees collected, such fees to be turned over to such custodian, in such manner and at such times as may be hereafter designated, and a receipt taken therefor.

Par. 11. Clinic record cards shall not be open for inspection by any person, other than the authorized employees of such clinics, the Chief of Police, and such members of the regular Police Department of this City and County, as may be designated by the written order of such Chief of Police and such other persons who may present a written order to such clinics, authorizing such inspection said order to bear the signature of the Health Officer, and the President of the Board of Health, these officials to exercise a sound and reasonable discretion in the matter of issuing permits of this character.

SECTION 4.

General Regulations.

Par. 1. All individuals of the class mentioned in the foregoing sections shall confine their activities solely to that portion of this city within the limits hereinbefore defined in paragraph 1 of section 1 of these regulations.

Par. 2. Every such person must submit to a medical examination at the hands of the duly appointed clinic physician at least twice in each week at such intervals as may hereafter be designated. Each person will be furnished with a clinic card bearing a number corresponding to the record card in such cases on file in said clinic, such card to contain all the particulars as enumerated in paragraph 6 of section 3 of these regulations, and to be accompanied by a photograph of the holder of such card.

Par. 3. Such clinic cards shall be retained by such individual as their personal property as evidence of conformity with these regulations and shall be readily available at all times for inspection by any person interested, and shall be produced on demand at any and all times when required so to do by such members of the regular police force of this City and County as described in paragraph 1 of section 5 of these regulations.

Par. 4. For each and every examination had by such individual, a fee of fifty cents will be charged, such amount to be in full payment for each such examination, said fee to be paid to the properly designated person as set forth in paragraph 10, section 3, of these regulations, who will furnish an official receipt for such amount to each person so examined. Under no circumstances shall any other fee or any gratuity whatever be demanded or accepted by any physician, nurse or other attendant.

Par. 5. Clinic cards shall not be transferable under any circumstances, and any individual violating this section of these regulations will be arrested and prosecuted.

BOARD OF HEALTH

SECTION 5.

Duties of the Police.

Par. 1. As sanitary officers, it shall be the duty of the Chief of Police and such members of the regular police force of this City and County as may be particularly designated to co-operate with the Board of Health in the enforcement of the foregoing regulations.

Par. 2. A vigilant police supervision and inspection shall be maintained over all persons known to be or suspected to be of a questionable character, within the meaning and intent of these regulations, and at all times when necessary all such should be compelled to exhibit their clinic cards for the purpose of determining whether they have complied with the order requiring medical examination as provided for in paragraph 2 of section 4 of these regulations. In the event they should have failed to comply with such provisions, they should be ordered to appear for examination at once under penalty of arrest for failure so to do.

Par. 3. Any person found violating these regulations in regard to limits and boundaries, as set forth in section 1 of these regulations should be properly instructed as to said provisions and in the event that they fail to comply with same they will be arrested and prosecuted.

This Clinic was put into active operation on March 25th, 1911, the initial cost of same being met by a \$500.00 subscription donated by a prominent citizen. Thus without one cent of expense to the city this very important branch of Health Department work was started into being, and has become absolutely self-supporting. As this report will no doubt prove of much interest to many, including students of the social problem, there is submitted herewith a financial statement of the clinic dating from March 25th to June 30th, 1911.

FINANCIAL STATEMENT OF THE MUNICIPAL CLINIC.
MONTHS: MARCH TO JUNE 30, 1911.

RECEIPTS.

Subscription	\$ 500.00	
Registrations	596.00	
Examinations	4,036.50	
Overage	2.50	
		<u>\$5,135.00</u>

DISBURSEMENTS.

Rent	\$ 560.00	
Light, heat, water and telephone	36.30	
Stationery and printing	363.84	
Office expense	98.87	
Furniture and fixtures	233.37	
Surgical equipment	445.86	
Repairs, installations, etc	325.58	
Medicines	216.60	
Salaries	2,581.39	<u>4,861.81</u>
Balance with on hand		<u>\$ 273.19</u>

FORCE EMPLOYED.

1 Chief Clinician at	\$100.00	a month
2 Examining physicians, each	50.00	" "
1 Chief Nurse at.....	75.00	" "
1 Assistant Nurse at.....	60.00	" "
1 Matron at.....	60.00	" "
1 Janitress at.....	25.00	" "
1 Superintendent at.....	150.00	" "
1 Cashier at.....	60.00	" "
1 Stenographer at.....	60.00	" "

The original regulations called for the employment of a limited number of attendants, but the work increased at such a rapid rate that it was found necessary to add to the working force almost immediately. The actual work accomplished can best be shown by the accompanying statement of cases registered and treated and while mere figures but seldom give an indication of the real work accomplished, still it would appear as if the following statement would readily indicate that much work of a valuable and lasting character has been accomplished:

Cases registered	1,196
Examinations	9,265
Syphilis	25
Syphilis and Gonorrhea	2
Total diseased cases	227
Treatments	1,650
Cured	129
Sent to Hospital	14
Left the city	278
Quit and furnished work	22

In view of the fact that predictions had been more or less freely made by the opponents of this movement to the effect that same would not prove to be a success, the foregoing statement should prove to be of more than ordinary interest. The report shows that 22 individuals have voluntarily abandoned their former precarious mode of living and have sought respectable occupations. This alone, if no other object were accomplished, should commend this very important work to every right thinking citizen, and is an evidence of the fact that the establishment of this feature of Health Department work has at least been of some slight benefit to the members of the human family.

BUREAU OF TROPICAL MEDICINE.

As recommended in my last annual report, the Chair of Bureau of Tropical Medicine was filled by the appointment of Dr. Herbert Gunn on January 3, 1911.

Prior to the making of this appointment or on November 25, 1910, the following resolution was adopted by the Board of Health:

Whereas, It appears that numbers of Asiatics immigrating to this country are afflicted with or carry with them germs of diseases which are endemic in Oriental countries, such as Uncinariasis, Filariasis and the like, and

Whereas, The detection of such diseases requires microscopic examination of the blood, sputum, excreta, etc. etc.; and

BOARD OF HEALTH

Whereas, The spread of these diseases in this city can be best prevented by a careful examination of the people from the countries where they exist; therefore be it

Resolved, That the Board of Health of San Francisco commends the careful scrutiny by the immigration officers that has resulted in the exclusion of large numbers of aliens who were found to be afflicted; and be it

Resolved, That the Board of Health of San Francisco recommends a continuation of this character of examination and the debarrment of any who may be found to carry the bacilli or parasite of contagious disease; and be it further

Resolved, That a copy of this resolution be furnished the Commissioner of Immigration at this port, one to the Bureau of Immigration in Washington, D. C., and one to the Surgeon General of the Public Health and Marine Hospital Service, Washington, D. C. and California State Board of Health.

That the establishment of this Bureau was a wise move is best indicated by the following report submitted by Dr. Herbert Gunn which shows the work accomplished by him during the six months of his incumbency.

'I have the honor to make the following report of the work done in the Bureau of Tropical Medicine for the six months ending June 30, 1911:

Total number of individuals examined 355

Of these about one hundred were in City Hospitals and specimens were forwarded to the laboratory for examination.

The remaining 255 were mostly visited in their abodes in various parts of the city and represented people recently arrived from tropical countries.

Total number of stools examined	233	pos. 57	neg. 166
Total number of blood smears examined	176		
Total number of night blood for Filaria	64		
Total number of Urine	5		
Total number of Sputum	12		

DISEASES ENCOUNTERED.

Hook worm	26
Trichocephalus Dispar	33
Ascaris Lumbricoides	7
Oxyuris Vermicularis	3
Schistosomum Mansoni (Bilharzia Haematobium)	1
Taenia Nana	5
Strongylodes Intestinalis	2
Balantidium Coli	5
Amoebiasis	1
Sprue	1
Plata	1
Beriberi	1
Malaria	7
Filaria	2

While this Bureau has been investigating as far as possible all tropical diseases encountered here especial attention has been given to the subject of the importation of hookworm disease.

With the assistance of the Associated Charities 171 persons recently arrived from the sugar plantations on the Hawaiian Islands where they had been employed, were examined for this disease with the following result:

Natives of Spain—Total examined.....	135
Blood examination for eosinophilia.....	135

Eosinophile Count 5% and higher 68 or 50% plus.

Stool examinations	60
Ova hook worm present	9
Percentage infected with hookworm.....	15

Twenty-six of the sixty, or over 40% were found to harbor parasites of some sort—among which may be mentioned *Ascaris Lumbricoides*, *Oxyuris Vermicularis*, *Tricephalis Dispar*, *Taenia Nana* and *Balantidium Coli*.

Porto Ricans examined	36
Blood examination for eosin	13
Eosin count 5% or higher	11 84%

These men were en route to Alaska and no stools could be obtained.

In the following no blood examinations have yet been made.

Porto Ricans, stools examinations, number.....	23
Hookworm ova present	12
Percentage infected with hookworm, 56 plus.	

17 of the 23 or over 73% showed parasites of some sort among which were *Ascaris Lumbricoides*, *Oxyuris Vermicularis*, *Tricocephalis Dispar*, one case of *Schistosomum Mansoni* or lateral spined *Bulharzia*, *Strongyloides Intestinalis* and *Baalantidium Coli*.

In these examinations specimens were obtained from entire families and in no case was special selection made on account of apparent sickness, so that the percentage of infection, from 15 to 56, may be taken as a fair average. Many of those examined showed marked evidence of the disease, some being quite incapacitated for work, and depending on the Associated Charities for their food supplies.

Many of the children were undeveloped, some in height, and weight, being 30 to 40% below the standard for their ages.

It is quite apparent that these unfortunate people in addition to being a menace to the rural districts in which they reside, must be a source of considerable expense to the counties on account of sickness and its resultant poverty.

Most of the Hawaiian Plantation laborers after a longer or shorter sojourn in the Islands, come to the States by way of San Francisco, many locating in this city to go into the country

BOARD OF HEALTH

districts throughout the State when labor is required, or to go to the fisheries in Alaska during the fishing season. At the present time there were thousands of these people in this State or temporarily in the Alaska fisheries to return in the fall of the year.

In San Francisco there is a big colony of them always, but especially in the winter months when there is no employment in the country districts and when the Alaska fishermen have rejoined their families.

At the present time the subject is being investigated in regard to other nationalities but though cases have been encountered, a sufficient number have not yet been examined upon which to draw conclusions.

Respectfully submitted,

(Signed) HERBERT GUNN,
Bureau of Tropical Medicine."

NEW HEALTH ORDINANCES.

FOOD INSPECTION LAW.

On December 2, 1910, a resolution was adopted by the Board of Health, the following of which is a copy:

RESOLUTION.

Whereas, The adulteration of foods and the mislabeling or misbranding of food and food products, constitute a serious menace to the health of the citizens of this community, and

Whereas, The indulgence in this practice has led to the enactment of legislation through the efforts of the State Board of Health in an endeavor to check this evil, and

Whereas, The City of San Francisco is at the present time operating under ordinances which appear to be ineffective insofar as securing the conviction of offenders in general is concerned, and for this reason the Board of Health has been subjected to criticism for not enforcing the law, therefore,

Be It Resolved, That the Board of Health petition the Board of Supervisors to adopt the attached proposed ordinance which is the McCartney Pure Food Law of the State of California so modified as to permit the enforcement of same by the Board of Health of the City and County of San Francisco.

In conformity with the terms of the above resolution the Board of Supervisors on December 20th, adopted as a law the following ordinance drafted by this Department:

ORDINANCE NO. 1426 (New Series)

(Approved December 20, 1910.)

Regulating the Manufacture, Production, Compounding, Packing, Selling, Offering or Keeping for Sale Articles of Food or Liquor, and Prohibiting the Adulteration, Mislabeling Misbranding of the Same.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. The manufacture, production, preparation, compounding, packing, selling, offering for sale or keeping for sale within the City and County of San Francisco, or the introduction into this City from any other country, State, Territory or the District of Columbia, or from any foreign country, of any article of food or liquor which is adulterated, mislabeled or misbranded within the meaning of this Act is hereby prohibited. Any person, firm, company or corporation who shall import or receive for many other county, State or Territory, or the District of Columbia, or from any foreign country, or who having so received shall deliver for pay or otherwise, or offer to deliver to any other person, any article of food or liquor adulterated, mislabeled or misbranded within the meaning of this act, or any person who shall manufacture or produce, prepare or compound, or pack or sell, or offer for sale, or keep for sale in the City of San Francisco any such adulterated, mislabeled or misbranded food, or liquor, shall be guilty of a misdemeanor; provided that no article of food shall be deemed adulterated, mislabeled or misbranded within the provisions of this Act when prepared for export beyond the jurisdiction of the United States and prepared or packed according to the specifications or directions of the foreign purchaser, when no substance is used in the preparation or packing thereof in conflict with the laws of the foreign country to which said article is intended to be shipped; but if such food shall be in fact sold, or kept or offered for sale for domestic uses and consumption, then this proviso shall not exempt said article from the operation of any provision of this Act.

Section 2. The term food as used in this Act shall include all articles used for food, drink, liquor, confectionery or condiment by man or other animals, whether simple, mixed or compound.

Section 3. The standard of purity of food and liquor shall be that proclaimed by the Secretary of the United States Department of Agriculture, where standards are not fixed by Ordinance of the City and County of San Francisco.

Section 4. Food shall be deemed adulterated within the meaning of this Act in any of the following cases:

First—If any substance has been mixed or packed, or packed with the food so as to reduce or lower or injuriously affect its quality, purity, strength or food value.

Second—If any substance has been substituted wholly or in part for the article of food.

Third—If any essential or any valuable constituent or ingredient of the article of food has been wholly or in part abstracted.

Fourth—If the package containing it or its label shall bear in any manner whereby damage or inferiority is concealed.

Fifth—If it contain any added poisonous or other added deleterious ingredient.

Sixth—If it consists in whole or in part of a filthy, decomposed or putrid animal or vegetable substance, or any portion of an animal or vegetable unfit for food, whether manufactured or not, or if it is the product of a diseased animal, or one that has died otherwise than by slaughter; provided that an article of liquor shall not be deemed adulterated, mislabeled or misbranded if it be blended or mixed with like substance so as not to injuriously lower or injuriously reduce or injuriously affect its quality, purity or strength.

Seventh—In the case of confectionery: If it contains terra alba, barytes, talc, chrome yellow, or other mineral substances or poisonous color or flavor, or other ingredient deleterious or detrimental to health, or any vinous, malt or spirituous liquor or compound or narcotic drug.

Eighth—In the case of vinegar: If it be artificially colored.

Ninth—If it does not conform to the standard of purity therefor as proclaimed by the Secretary of the United States Department of Agriculture, when not fixed by Ordinances of the City and County of San Francisco.

Section 5. That the term "misbranded" as used herein shall apply to all articles of food, or articles which enter into the composition of food, the package or label of which shall bear any statement, design or device regarding such article, or the ingredients or substances contained therein which shall be false or misleading in any particular, and to any food product which is falsely branded as to the county, city and county, city, town, State, Territory, District of Columbia or foreign country in which it is manufactured or produced.

Section 6. Food and liquor shall be deemed mislabeled or misbranded within the meaning of this Act in any of the following cases:

First—If it be an imitation of or offered for sale under the distinctive name of another article of food.

Second—If it be labeled or branded or colored so as to deceive or mislead, or tend to deceive or mislead the purchaser, or if it be falsely labeled in any respect, or if it purport to be a foreign product tending to mislead the purchaser, or purport to be a foreign product when not so, or if the contents of the package as originally put up shall have been removed in whole or in part and other contents shall have been placed in such package.

Third—If in package form, and the contents are stated in terms of weight or measure, they are not plainly and correctly stated on the outside of the package.

Fourth—If the package containing it or its label shall bear any statement, design or device regarding the ingredients or the substance contained therein, which statement, design or device shall be false or misleading in any particular.

Fifth—When any package bears the name of the manufacturer, jobber or seller, or the grade or class of the product, it must bear the name of the real manufacturer, jobber or seller, and the true grade or class of the product, the name

to be expressed in clear and distinct English words in legible type; provided that an article of food shall not be deemed misbranded if it be a well known product of a nature, quality and appearance and so exposed to public inspection as not to deceive or mislead, nor tend to deceive or mislead a purchaser, and not misbranded and not of the character included within the definitions 1 to 4 of this section.

Sixth—If, having no label, it is an imitation or adulteration, or is sold or offered for sale under the name, designation, description or representation which is false or misleading in any particular whatever; and in case of eggs and poultry, if they have been kept or packed in cold storage, or otherwise preserved, they must be so indicated by written or printed label or placard plainly designating such fact when offered or exposed for sale.

Section 7. The term "package" as used in this Act shall be construed to include any phial, bottle, jar, demijohn, carton, bag, case, can, box or barrel, or any receptacle, vessel or container of whatsoever material or nature which may be used by a manufacturer, producer, jobber, packer or dealer for enclosing any article of food.

Section 8. The possession of any adulterated, mislabeled or misbranded article of food or liquor by any manufacturer, producer, jobber, packer or dealer in food, or broker, commission merchant, agent, employe or servant of any such manufacturer, producer, jobber, packer or dealer, shall be prima facie evidence of the violation of this Act.

Section 9. The Board of Health and all its officers, agents and employes shall have the right at any time to obtain by purchase a sample of food from any person, persons or concern selling or exposing for sale or exchanging in the City and County of San Francisco, such sample to be taken and sealed in full view and in the presence of the person from whom said sample is taken, and shall then and there furnish to the person from whom such sample is taken approximately one-half such sample sealed, and shall deliver to the said Board of Health immediately the sample so taken properly sealed.

Section 10. No dealer shall be prosecuted under the provisions of this Ordinance when he can establish a guaranty signed by the wholesaler, jobber, manufacturer or other party residing in the United States from whom he purchased such article to the effect that the same is not adulterated, mislabeled or misbranded within the meaning of this Ordinance, designating it. Said guaranty to afford protection, must contain the name and address of the party or parties making the sales of such article to said dealer, and an itemized statement showing the articles purchased; or a general guaranty may be filed with the Secretary of the United States Department of Agriculture by the manufacturer, wholesaler, jobber or other party in the United States and be given a serial number which number shall appear on each and every package of goods sold under such guaranty, with the words, "Guaranteed under the

food and drugs act June 30, 1906." In case the wholesaler, jobber, manufacturer or other party making such guaranty to said dealer resides within this State, and it appears from the report of the City Chemist that such article or articles were adulterated, mislabeled or misbranded within the meaning of this Ordinance, or the National Pure Food Act, approved June 30th, 1906, the District Attorney must forthwith notify the Attorney General of the United States of such violation.

Section 11. Any person, firm, company or corporation violating any of the provisions of this Ordinance shall be guilty of a misdemeanor, and upon conviction shall be punished by a fine of not less than twenty five dollars, nor more than five hundred dollars, or shall be imprisoned in the County Jail for a term not exceeding six months, or by both such fine and imprisonment. Food found to be adulterated, mislabeled or misbranded within the meaning of this Ordinance may be seized and destroyed.

Section 12. This Ordinance shall take effect and be in force immediately after its passage.

The operation of the foregoing ordinance now renders it possible for this Department to reach violators of the Pure Food Law, where heretofore they had been practically immune from punishment, owing to the fact that in order to secure prosecutions we were obliged to proceed under the state law. This ordinance now invests us with the power to proceed against offenders directly and in many instances we have issued citations directing store keepers and others to appear before the Board on their first offense and a severe reprimand has in most every instance proved to be sufficient warning. In the case of persistent offenders we have no difficulty in securing convictions in the Police Court under the terms of our ordinance.

REGULATING THE SALE OF BUTTER.

An act approved November 22nd, 1910, regulating the sale of butter and preventing fraud in the sale thereof and fixing penalties for selling same at less than true weight, was adopted and is here reproduced as passed, for the reason that it has some bearing on the preceding pure food law.

ORDINANCE NO. 1383 (New Series.)

(Approved November 22, 1910.)

An Ordinance Regulating the Sale of Butter; Preventing Fraud in the Sale Thereof, and Prohibiting such Sale by Less than True Net Weight Thereof.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. It shall be unlawful for any person, firm or corporation to sell, or offer for sale, or to cause or permit to be sold or offered for sale, any butter in prints or packages, or otherwise, other than by, or in terms of pounds and ounces, avoirdupois, or for a greater weight than the true net weight thereof.

Section 2. Any person, firm or corporation who shall violate any of the provisions of this Ordinance shall be punished by fine of not less than \$10.00 nor more than \$100.00, or by imprisonment in the County Jail for a period of not less than five days, nor more than fifty days, or both such fine and imprisonment.

Section 3. This Ordinance shall take effect and be in force immediately.

REGULATING BREAD CONTAINERS.

On December 9th, 1910, the Sanitation Committee of the Board of Health submitted a proposed draft of an ordinance covering the matter of receptacles for bread and bakery products and after many conferences with the master bakers of the City, and others interested said proposed ordinance was adopted by the Board of Health and forwarded to the Board of Supervisors, was signed by his Honor the Mayor, and on May 11th, 1911, became a law, said ordinance here being given in full:

BILL NO. 1738. ORDINANCE NO. 1550. (New Series.)

An ordinance to provide against the receiving or delivering of bread or other bakery products at any bakery store, shop or stand when the same is closed, except that for the reception and delivering of such bread or bakery products a proper receptacle be provided, prescribing the character of such receptacle, and the penalties for the violation of this Ordinance.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. It shall be unlawful for any person, firm or corporation to conduct and maintain, or carry on, or cause to be conducted, maintained or carried on, any bakery, store, shop or stand where there is to be received or delivered bread or other bakery products, unless the said bakery, store, shop or stand be provided with proper receptacles for bread, or other bakery products, as herein provided.

Section 2. Every bakery, store, shop or stand where bread or other bakery products of any kind are received or delivered, shall be provided with a wooden receptacle for the reception and protection of bread or other bakery products, and into which all bread or other bakery products shall be placed when delivered as herein provided.

Section 3. (a) The said receptacle for the reception of bread or other bakery products as aforesaid shall be constructed of clear pine board, dressed on both sides, and shall have not less than two coats of paint on the outside. The outside must present a smooth surface, with no bottom or side mouldings thereon. The receptacle shall be furnished with four bent iron legs, each two inches in height, fastened to two cleats which shall extend across the bottom of the receptacle,

one inch from the ends of the receptacle, and the ends of said cleats shall extend to within one inch from the side thereof. The inside corners shall be filled and reinforced with right angle pine uprights with smooth surfaces to exclude dust accumulating in corners of receptacle.

(b) There shall be no aperture, no openings in the said receptacle, and the top thereof shall be placed in a position slanting toward the front and shall extend one inch over the sides and front of said receptacle, and shall be used as a cover therefor, and shall be attached thereto with two hinges at the top and back, and be furnished with appliances for locking the cover on receptacle at the front.

(c) The minimum size of such receptacle shall be twenty (20) inches in length, fifteen (15) inches in width, and eighteen (18) inches in height, exclusive of legs, and of whatever size said receptacle shall be built, it shall, in the main, adhere to the proportions in the minimum size as hereinbefore set forth.

Section 4. Such a receptacle as aforesaid shall be placed and kept in a convenient place for the reception and delivering of bread or other bakery products outside any bakery, store, shop or stand as aforesaid at any time, and at all times, when the said bakery, store, shop or stand is closed between the hours of six (6) o'clock in the afternoon of any day and eight (8) o'clock in the forenoon of the following day, and the said receptacle shall be taken into and kept inside said bakery, store, shop or stand at and during all times when bread or other bakery products may be delivered to and into said bakery, store, shop or stand.

Section 5. Any person, firm or corporation violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be punished by a fine not to exceed five hundred (\$500) dollars, or by imprisonment in the County Jail for not more than six (6) months, or by both such fine and imprisonment.

Section 6. This ordinance shall take effect and be in force thirty (30) days after its passage.

The Board of Supervisors, San Francisco, May 8, 1911

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Bancroft, Cutten, Deasy, Hayden, Henly, Herget, Kelly, Knowles, Loughery, Minehan, Murdock, Nelson, Nolan, O'Dowd, Pugh, Walsh.

Absent—Supervisors Harris, Hicks

W. R. HAGERTY, Clerk.

Approved, San Francisco, May 11, 1911

P. H. MCCARTHY,

Mayor and ex officio President of the Board of Supervisors

REGULATING VENTILATION OF NICKELODEONS.

On May 22nd, 1911, the Board of Supervisors at the urgent request of the Board of Health adopted an amendment to the Building Law in order to give the Board of Health power to abate nuisances in nickelodeons, etc., where the cubic air law was being constantly violated. On May 23rd, His Honor the Mayor affixed his signature to said amendment and same became a part of the Building Law. The amendment as adopted is here submitted:

BILL NO. 1608. ORDINANCE NO. 1567. (New Series.)

Amending Ordinance No. 1008 (New Series), known as "The Building Law," by adding a new section thereto, to be numbered 189A, relating to cubic air space.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. Ordinance No. 1008 (New Series), known as "The Building Law," is hereby amended by adding a new section thereto, to be numbered Section 189A, to read as follows:

Section 189A. In all buildings which are designated to be used in whole or in part as public buildings, public or private institutions, school houses, churches, public places of assemblage, or places of public resort, and all buildings which are designed to be used in whole or in part as factory, workshop, mercantile or other establishment, and with accommodations for ten or more employes, provision shall be made for at least fifteen square feet of floor space and 200 cubic feet of air space for each occupant to be accommodated in each room therein, and for supplying at least thirty cubic feet of pure air per minute for each occupant thereof.

In every building or part of building, intended for audience room only, as a theater, hall or nickelodeon, provision shall be made for supplying at least thirty cubic feet of pure air per minute for each occupant thereof.

Section 2. This Ordinance shall take effect immediately.

In Board of Supervisors, San Francisco, May 22, 1911.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Bancroft, Cutten, Deasy, Hayden, Healy, Herget, Hocks, Kelly, Knowles, Loughery, Minehan, Murdock, Nelson, Nolan, O'Dowd, Pugh, Walsh.

Absent—Supervisor Harris.

W. R. HAGERTY, Clerk.

Approved, San Francisco, May 23, 1911.

P. H. McCARTHY,

Mayor and ex-officio President of the Board of Supervisors.

In connection with the foregoing ordinance an arrangement has been effected with the co-operation of the Police Commission that no license to operate a show of this character will be granted by said commission, nor will old licenses be renewed until an inspection has been made by the officials of this department and a certificate issued to the effect that all the requirements of the above mentioned ordinance have been complied with. This in itself is a very important piece of legislation as there are 72 show houses rated as "nickelodeons" now operating in this city, and they are most liberally patronized, therefore the provisions made for an adequate supply of fresh air for the patrons of these places of amusement is an essential necessity for the protection of the public health.

REMOVAL OF DEAD ANIMALS.

The Board of Health, by virtue of the difficulties experienced in the proper handling of dead animals, fowl, etc., found upon the public streets, deemed it expedient to adopt the following resolution at a meeting held on January 17th, 1911:

RESOLUTION.

Whereas, It has come to the notice of the Board of Health that the terms of the contract made by the Board of Supervisors to purchase all of the rights, privileges, franchises and property of the Sanitary Reduction Works and the Standard Manufacturing and Supply Co., will be consummated about the 23rd day of February, 1911, and

Whereas, Upon completion of said purchase the City will take over the plant of the Reduction Works and either operate it through the Board of Public Works or permit private parties to operate same pending the erection of the new crematories provided for by the bond election of May 1908, and

Whereas, The proper disposal of the remains of animals and fowl found dead upon the streets, and the animals destroyed in the Public Pound, or other animals or fowl which may die of disease, accidents, or from other causes, throughout the city and county, is a matter of most vital importance, and

Whereas, The disposition of said class of animals is not at present carried on in a manner thoroughly satisfactory to the Board of Health and the citizens of this community, therefore, be it

Resolved, That the Board of Health in regular meeting assembled, recommends to the Board of Supervisors the issuance of proposal for bids on a franchise for a term of years to cover the removal and destruction of dead fowl and animals found upon the streets and in enclosures, and killed in the public Pound, said work to be under the direct supervision and inspection of the Board of Health.

Up to the close of the fiscal year no action had been taken by the Board of Supervisors on this recommendation, no doubt owing to the fact that pending the construction of the city garbage crematory, etc., the present plan of permitting the Sanitary Reduction Works to attend to this feature has been continued and we have every reason to believe that as soon as the city com-

pletes its own garbage crematory that some arrangement as above outlined will be effected.

All of the foregoing matters of legislation are submitted for perusal as an indication that this Board has fully realized the importance of the enactment of proper health laws for the safeguarding of the health, comfort and happiness of our citizens.

BUREAU OF SANITATION.

A full and detailed report of the work performed by the Sanitary Inspectors of this Department showing the number of inspections on complaints of nuisances and investigation of communicable diseases will be found on Page 35 of this report.

INFANTILE PARALYSIS.

At a meeting of the Board of Health held on September 15th, 1910, the President of the Board stated that such authorities as Dr. Simon Flexner and others have agreed that Acute Anterior Polyomyelitis (commonly known as Infantile Paralysis) is of a contagious character, and inasmuch as a number of these cases have come under the observation of practicing physicians in this city, it would no doubt be for the best interests of the health of the community to declare this a disease to be isolated in the same manner as cases of diphtheria, scarlet fever, etc., and a resolution was adopted by the Board that such recommendation be adopted as a precautionary measure, it being deemed wiser to take this step pending the result of the research work of the authorities on this subject, than to expose children to the possible danger of contagion.

COMMUNICABLE DISEASES.

A full report of contagious diseases reported and investigated appears on page 34 of this report, and should be consulted in order to get an adequate idea of the amount of work performed in this very important division.

CRUSADE AGAINST FLIES.

As indicated in the report for the fiscal year 1909-1910 special attention has been given as far as it has been possible so to do to eliminate the common house fly as a carrier of contagion. On September 2nd, 1910, five special inspectors were appointed for this particular purpose and that good results have been obtained are best substantiated by the fact that we have kept down the number of cases of typhoid fever of local origin to a very small figure, as compared to previous years. This work is still being carried on and will continue until every feature which encourages the propagation of this dangerous insect is eliminated.

DISPOSAL OF REFUGEE SHACKS AND INSANITARY STABLES AND DWELLINGS.

The special attention of the reader is called to the report of "Board Actions on Insanitary Premises" which appears on pages 32 and 33 of this report. This will give a very clear and comprehensive idea as to the important work done by this Board in the direction of cleaning up the city and removing unsightly and insanitary buildings.

BUREAU OF PLUMBING INSPECTION.

In conformity with the usual custom, the Chief Plumbing Inspector of the Department attended the conference of the American Society of Inspectors of Plumbing and Sanitary Engineering at Milwaukee, Wisconsin, during February, 1911, as a representative of this Department. No legislation of great importance was enacted, but the presence of a representative from the city is always deemed necessary at these conferences inasmuch as San Francisco is recognized as one of the leading cities in the country in so far as its plumbing and drainage laws are concerned.

One of the most important matters brought before the Board of Health during this year was that which is known as "The Red Sea" nuisance, this consisting of a pond of impounded water covering an area of two square blocks in what is known as the "Potrero District." This condition was created by the filling in of railroad properties which had the effect of cutting off from the main portion of the bay this body of water, which became a very grave nuisance owing to the fact that the plumbing fixtures of a number of dwellings were emptying therein, and vast quantities of water from adjacent factories were daily being emptied into this pond. After numerous conferences with Improvement Associations and other civic bodies, on November 4th, 1910, a resolution was adopted by the Board of Health to the effect that all premises, the plumbing and drainage fixtures of which were emptying sewage or other matter into this body of water be condemned. This brought the matter to an immediate issue with the result that the factories in the vicinity of this point constructed a private sewer connecting with one of the city's main sewers, and the plumbing fixtures of the various dwellings mentioned were connected to this private sewer with the result that the nuisance, in so far as sewage discharges therein was concerned, was abated. The next step towards the complete obliteration of this body of water will be through the filling in of the entire area with solid rock. This will not alone abate an insanitary condition that has long existed, but will open up to use a valuable tract of land.

DIVISION OF DAIRY AND MILK INSPECTION.

A complete tabulated report of the work of these divisions will be found on pages 47 and 48 of this report. The inspection of milk is considered by the Department of Public Health to be one of its most important functions and an idea of the work performed can best be obtained by consulting the reports of these divisions. In connection therewith reference should also be made to the record of arrests appearing on pages 52 and 53 of this report. It will be readily seen from the number of arrests made and fines imposed upon offenders that we are leaving no stone unturned to render the milk supply of our city pure and wholesome.

Some difficulty having been experienced in securing convictions owing to the efforts of technical lawyers to nullify the provisions of Section 16 of Ordinance No. 460, known as the "Milk Law," the Board of Health deemed it necessary on September 15th, 1910, to add to said ordinance the following section.

"SECTION 16A."

"It shall be unlawful for any person or persons, firm or corporation by themselves, or by their agents, servants or employees to bring, or cause to be brought within the city and county of San Francisco, State of California, any impure, adulterated, unhealthful or unwholesome milk."

The adoption of this amendment has tightened up our milk ordinance so that we are now enabled to secure more convictions against offenders than formerly. The prevailing sentiment among the Police Judges before whom this type of offender is brought appears to be on the side of the enforcement of our ordinances, with the result that in several instances we have secured single fines as high as \$200 or \$300 against persistent offenders who previously have been satisfied to pay their fine of \$10 or \$20, risking the chance of being caught again. The imposition of these heavy penalties has had a salutary effect and as a consequence we have been enabled to stop the traffic in impure milk among a number of chronic offenders.

Under the report of the Chemical Laboratory, there will be found a statement touching upon the refractive index for determining the presence of added water in milk.

In this connection it may be well to state that over 1,000 cows have been examined and tested for the purpose of refractometer readings in this connection.

DAIRIES WITHIN THE CITY LIMITS.

In, my previous report I stated that Ordinance known as "No. 731," regulating the keeping of cattle would become effective from and after August 1st, 1910. Immediately after this law became operative, efforts were made to enforce same with a view to clearing out all of the dairies within the city limits. All of the dairymen interested (nine in number) upon conviction in the Police Court, appealed to the Superior Court. These cases are still pending, and no doubt some time will elapse before the hands of this Department are freed sufficiently to proceed to enforce the terms of this law.

BUREAU OF MEAT INSPECTION.

The full text of the Meat Inspection Law was given in our previous annual report. Up to the adoption of said Ordinance No. 1263, approved on August 1st, 1910, five inspectors had covered the field of meat inspection. On August 26th, 1910 this force was increased to ten additional inspectors, bringing the working force up to fifteen. The report of the Division of Market Inspection which appears on pages 44-46 of this report, will readily demonstrate that magnificent work is now being performed in the line of meat inspection. On a number of occasions we have had minor difficulties with the matter of shipment of carcasses from outside points through a misunderstanding or misinterpretation of the wording of our ordinances and in all cases where carcasses have been shipped into the city, they have been promptly confiscated, coal-oiled and sent to the Sanitary Reduction Works. This mode of treatment has proved most effective and has in several instances induced local Boards of Health in the counties adjacent to San Francisco to formulate laws along the same lines as our own and establish a Bureau of Meat Inspection which will be recognized by this Department according to the terms of the ordinance.

On November 25th, 1910, in compliance with the request of representatives of the Allied Butcher's Trades of San Francisco, a resolution was adopted by the Board of Health to the effect that cards be printed and posted in every meat market and fruit store in San Francisco, prohibiting the entrance of dogs into such premises. Such cards were subsequently prepared and freely distributed throughout the city with the result that a long standing nuisance has been abated.

DIVISION OF SCHOOL MEDICAL INSPECTION.

In connection with this most important work of the Health Department a resolution was adopted under date of October 14th, 1910 the following of which is a copy:

"RESOLUTION."

"Whereas, Experience has demonstrated that school medical inspection is one of the most important duties devolving upon the Board of Health, and

Whereas, Since the inauguration of said system of inspection considerable work of inestimable value has been performed by the corps of women inspectors now engaged in this work, and

Whereas, There are eighty-five schools in operation in this City and County, and the present force at the command of the Board of Health are unable to cover but twenty of this number, and the demand for more inspectors is becoming very urgent, owing to the fact that many schools now uncovered by said inspection are requesting assistance, and

Whereas, The plan of school medical inspection is one that makes it possible to keep under control and minimize to a large extent the dissemination of contagious diseases peculiar to children, such as diphtheria, scarlet fever, measles, chicken-pox, whooping cough, contagious skin diseases, etc., etc., therefore,

Be It Resolved, That the Honorable Board of Supervisors be and they are hereby requested to set aside a sum sufficient to enable the Board of Health to employ ten (10) additional women inspectors of schools at a salary of \$75.00 per month each for the remainder of the fiscal year 1910-1911."

In compliance with the terms of the foregoing resolution, the Board of Supervisors set aside a sum sufficient to enable this Department to employ six additional Health Inspectresses of Schools bringing our force up to ten, which has rendered it possible to greatly increase the scope of our work. It is an assured fact, that upon the opening of the fiscal year, namely July 1st, 1911, four additional Health Inspectresses and two assistants to the Chief Medical Inspector will be appointed, thus enabling the Department to cover every school operating in the city.

A detailed report of the work performed in this division, also remarks by the Chief Medical Inspector of Schools, will be found on pages 28 and 29 of this report, to which the reader is respectfully referred for interesting information.

CHEMICAL LABORATORY.

A detailed tabulated report of the work performed in this division will be found on pages 54-123 of this report, all of the work accomplished being given in comprehensive shape for ready reference.

COPPER IN OYSTERS.

In November, 1910, the Food Inspectors of this Department discovered in various places oysters offered for sale, that appeared to possess a peculiar color. Samples of these were taken from various places around the city and submitted to the Chemist for analysis, with the result that copper in large quantities was found in these bivalves. When this result became known the inspectors of the Food Bureau were directed to bring in more samples and of eight submitted seven showed the presence of copper in quantities. All of the samples submitted were of oysters shipped in to the city from Eastern points by the gallon,

that is, open and ready for use. Analysis made of native grown oysters failed to show the presence of copper. As soon as the findings of the Chemist were published the United States Department of Agriculture in this city, also in Washington, D. C. were advised of the result and a crusade was at once started against the concerns shipping these oysters into the city, and we have succeeded in driving this product out of the local market.

In connection with the subject of oysters, on February 21, 1911, a bill known as "Senate Bill No. 961" was presented to the Board of Health for its perusal. This was entitled "An Act Controlling Sanitation of Shell Fish Grounds and premises where shell fish are opened, packed or prepared for the market, and controlling the Sale of Oysters and Shell Fish for food purposes and providing a penalty." Said bill in its general terms met with the approval of this Board and on our recommendation a section was added to said bill reading as follows:

"Section No. 10. No person, firm or corporation, shall hereafter establish, or cause to be established, any oyster or shell fish grounds at any point within the area of deposit of any sewage system, said area to be determined by the State Board of Health."

ELECTRIC WATER HEATERS.

Much attention has been given to the investigation of so called "Electric Water Heaters." This device heats water or other liquid by immersing same in a vessel, and turning on an electric current. Experiments made by the Chemist demonstrated that the use of these instruments caused a copper deposit to be precipitated into the vessel. This clearly showed that the use of this invention was positively dangerous, especially where it might be used in heating or warming milk to be fed to infants. The Health Officer was at once notified to instruct the firms handling these heaters to discontinue the sale of same under penalty of arrest. This action has had the effect of putting a number of these dangerous devices entirely out of business.

BACTERIOLOGICAL LABORATORY.

A complete report of the work performed in this division will be found on pages 124-127 inclusive.

In connection with this work I quote herewith a resolution adopted by the Board of Health at a meeting held on December 27, 1910:

"Whereas, It has been the practice in the past of the Department of Public Health to supply free of charge, diphtheritic antitoxin in deserving cases upon the certification of a reputable physician that the people are unable through lack of funds to purchase same themselves; and

Whereas, Experience has demonstrated that the free distribution of said antitoxin within reasonable bounds has proved of inestimable value in saving the lives of young children as well as adults afflicted with diphtheria; and also as a preventive when used on unaffected children in households where diphtheria is prevalent when administered as an immunizing dose; and

Whereas, It has recently developed that the funds at the disposal of the Health Department have been inadequate to

meet the demands made for this serum, and as a consequence it has been found necessary to refuse to furnish said serum to several applicants;

Therefore Be It Resolved, That the Board of Health petition the Health and Hospital Committee of the Board of Supervisors to use all legitimate means within their power to secure an appropriation of \$25.00 per month for the remainder of the current fiscal year to be set aside for the use of the Health Department in the purchase of diphtheritic antitoxin for free distribution."

I am pleased to state that the Board of Supervisors has seen fit to accede to the foregoing request and we are now in a position to supply diphtheritic antitoxin in cases where the parents or patients are unable to purchase same, thus saving lives that might be sacrificed for the want of this very valuable serum.

CITY PHYSICIAN.

INSPECTION OF IMMIGRANTS FROM CHOLERA INFECTED PORTS.

A detailed report of the work accomplished by this official will be found on page 180 of this report.

Beginning with the month of December, 1910, the Secretary of the State Board of Health at Sacramento has been furnishing this Department with a list of the names of immigrants who had arrived at various eastern ports from cholera infected ports in Europe, with San Francisco as their ultimate destination. The information furnished by the State Board of Health gives the location and street number of each immigrant, and it is the duty of the City Physician to make a personal inspection of each individual so named in order to determine if such person is absolutely free from the possibility of Cholera infection. This work still continues and will be carried on indefinitely and no chances will be taken to permit of the slightest opportunity of this disease taking hold in this city.

CITY AND COUNTY HOSPITALS.

The close of this fiscal year marks the passing of Ingleside as a temporary City and County Hospital and the custom which has obtained for the past few years of sending acute city cases to private hospitals has ceased. This is made possible owing to the fact that the Infirmary Building on the Relief Home Tract is now fully equipped for Hospital purposes with the capacity for accommodating 400 patients. The trials and tribulations of the Health Department in the handling of the city's indigent sick have been many and just at the particular time when we thought that our troubles were about to be satisfactorily adjusted, Building No. 3 of the Relief Home for the Aged and Infirm, and housing one hundred bed ridden and helpless patients was destroyed by fire on May 23, 1911. Owing to prompt and efficient work the result of splendid organization, all of these patients were safely removed without a single casualty. It became necessary to find at least a temporary shelter for these unfortunates, and they were removed to Ingleside. This had hardly been accomplished when a notice was received from the proprietor of the Ingleside grounds that we must vacate said premises within a period of sixty days from May 31st, 1911. The problem of handling our acute cases had already been solved through the equipment of the Infirmary Building as before mentioned, but here we were confronted with the proposition of housing 150 tubercular cases and a number of contagious disease cases together with the hundred bed ridden patients from Building No.

3. The Board of Health fully alive to the seriousness of the situation, on May 26th, adopted the following:

“RESOLUTION.”

“Whereas, The Urban Realty Improvement Company of San Francisco has served notice upon the Department of Public Health to vacate the premises whereon is located the temporary City and County Hospital at Ingleside within the period of sixty days from May 31, 1911, and

Whereas, The Department of Public Health is confronted with the problem of taking care of several hundred indigent persons all in need of hospital treatment, and

Whereas, Owing to the destruction by fire of Building No. 3, on the Relief Home Tract, approximately 100 inmates of the Relief Home are at this time being cared for under conditions not of the most favorable character, therefore, be it

Resolved, That the Board of Health in special meeting assembled this 26th day of May, 1911, petitions the Honorable Board of Supervisors to take the necessary steps to provide for the following arrangements for the care of the city's sick and aged infirm:

First: That a temporary barracks be constructed on the Relief Home grounds sufficiently large to house 150 inmates, 100 of said inmates being those taken from Building No. 3, Relief Home, and 50 chronic cases from the City and County Hospital at Ingleside.

Second: That a temporary roof be constructed over the ruins of Building No. 3, Relief Home, for the care of tubercular patients, and that additional bath rooms and toilets be constructed adjacent to same.

Third: That 100 tents be erected for the housing of tubercular patients; platforms to be constructed around No. 3 building, upon which said tents may be set; also, to provide for constructing a fence around said platforms. And be it further

Resolved, That owing to the extraordinary circumstances attending present conditions at Ingleside and the Relief Home, that the Honorable Board of Supervisors be respectfully urged to make immediate provision for the foregoing requirements.”

The recommendations contained in the foregoing resolution were based upon the actual conditions then presenting themselves and appeared to be the most expeditious plan to properly care for the people under our charge. Subsequently, however, plans were adopted whereby temporary frame buildings were constructed upon the site of the new San Francisco Hospital, 22nd and Potrero Avenue, enabling us to remove our 150 tubercular patients thereto, where they are now segregated into three classes, namely incipient, advanced and hopeless cases. ✓

The contagious cases were provided for through the remodeling of the Isolation Hospital on Army and De Haro Street, whereby a section of said hospital was fitted up for the reception of this class of patients. The Relief Home Inmates were then taken care of by remodeling certain portions of the Relief Home Buildings, and our troubles are, temporarily at least, at an end.

The work of completion of the new San Francisco Hospital is progressing as rapidly as circumstances will permit, and it is estimated that perhaps two

years more will elapse before this two million dollar group of buildings is fully completed and ready for occupancy. The City and County Hospital as at present constituted consists of three separate and distinct units, practically conducted as one institution and affairs are so arranged that it is possible to give to all patients the best of care at a minimum expense.

REPORTS OF BUREAUS.

The reports of the Bureau of Sanitation including:

- Medical Inspection of Schools
- Board Actions on insanitary premises
- Communicable diseases
- Division of Sanitary Inspection
- Division of Sanitary Disinfection
- Division of Plumbing Inspection
- Examinations for Master Plumbers
- Division of Market Inspection
- Division of Food Inspection
- Division of Dairy Inspection
- Division of Milk Inspection
- Division of Industrial Inspection
- Division of Garbage Inspection
- Division of Truck Garden Inspection
- Records of arrests made

will be found under their respective headings and should be consulted in order to gain an intimate knowledge of the work performed in these various divisions. As these reports are given in detailed and tabulated form it is deemed an unnecessary repetition to again reproduce them under the caption of the President and Health Officer's report.

REPORTS OF INSTITUTIONS.

Complete tabulated reports of the various institutions under the control of the Board of Health will be found as set forth below:

- City and County Hospital, Page 128.
- Relief Home for Aged and Infirm, Page 155.
- Emergency Hospitals, Page 172.
- Isolation Hospital, Page 178.

Respectfully,

GEORGE LEE EATON, M. D.

President Board of Health.

W. F. McNUTT, JR.
Health Officer.

Report of the Bureau of Sanitation

LOUIS P. MONACO, Clerk

REPORT OF THE MEDICAL INSPECTION OF SCHOOLS.

San Francisco, Cal., Sept. 18, 1911.

To the Honorable,
The Board of Health,
of the City and County of San Francisco.

Gentlemen:—I have the honor to submit herewith the annual report of the Department of Medical Inspection of Schools.

During the past year we have succeeded in augmenting the number of Health Inspectresses of Schools, thereby enabling us to cover fifty-seven schools of the eighty-eight in the city. The contrast between the last yearly report and the present one is very marked. We have accomplished a greater and more perfect result.

The following is a tabulated list of the work performed during the fiscal year beginning July 1st, 1910, and ending June 30th, 1911. Tabulation has been compiled from this Department's weekly and monthly reports for the year, the figures being accurate.

DIVISION OF SCHOOL MEDICAL INSPECTION

DR. E. L. WEMPLE, Medical Inspector

Health Inspectresses

Josephine Graham
Grace McIntyreAnna Shepler
Elizabeth McKenzieEdith Flinn
Evangeline PhelanMrs. M. B. Winne
Katherine Wynn

SCHOOL	Enrollment	No. of Visits	(NURSE) EXAMINATIONS, FINDINGS AND TREATMENTS (NURSE)															
			Pediculosis		Impetigo		Ringworm		Eczema	Eye Diseases	Infected Wounds	Scabies	Not Vaccinated	Dressings	Treatments	Exclusions		
			New		Old		New										Old	
			New	Old	New	Old	New	Old									New	Old
Adams	390	21	20	4	8	10	1	4		10			6	11	3	13		
Agassiz	400	110	28	6	34	16	12	1		30			0	18	176	24		
Bay View	480	124	29	31	68	11	1	1	1	18	5		1	147	178			
Bernal	608	162	26	3	18	11				13	2			17	78	5		
Bryant	520	115	34	38	21	8	1			10	2			64	16	13		
Buena Vista	410	65	32	6	6				1	2				3	6	1		
Burnet	387	109	8	25	41	2	2			8			1	54	57	17		
Clement	485	18	33	17	3	7				2			2	1	7	3		
Cleveland	295	11	9	20	3	7				1				45	10	6		
Columbia	950	118	118	30	13	7				1			5	335	18	6		
Coughlin	480	67	22	35	66	60	2	1	8	12			41					
Dorman	139	17	7	13										1	7	3		
Douglas	502	18	18	25		21	2		1	1			1	7		1		
Edison	190	15	11	15	16	18			1	2				7	41	1		
Emerson	250	15	11	15	1	2			1	2				2		1		
Everett	748	18	5	1	2				1	2				7	41	1		
Fairmont	990	22	11	12	1	4			1	2			41		5	25		
Franklin	418	24	118	76	1													
Franklin McCoppin	775	7	5											8	5	5		
Front	950	29	77	64	50	12	6	3	2	12				3	5			
Gardfield	845	20	11	27	7	6	1		2	3				621	39	6		
Golden Gate	319	20	11	27	7	6	1	10		6				1	14	6		
Golden Gate	300	31	48	77	5		4						1	10	17	1		
Grant	322	15	5	5					1	2			5	1	1	1		
Haight	130	97	91	29	38			2		2	1			16	237	3		

[illegible]

Exclusions from Schools under Inspection:

Number schools in San Francisco.....	88	Exclusions from Schools under Inspection:		
Schools under inspection.....	57	Chickpox.....	250	
Pupils examined by Inspector.....	3,542	Contagious Skin Diseases.....	77	
Pupils examined by Nurse.....	30,958	Chorea.....	7	
Visits to home by Nurse.....	3,036	Diphtheria.....	25	
		Measles.....	456	
Vaccinations:		Mumps.....	340	
Remaining from last month.....	1,657	Scarlatina.....	117	
Found to be Unsuccessfully Vaccinated.....	1,023	Tonsillitis (acute).....	81	
Never Vaccinated.....	484	Whooping Cough.....	140	
		Contacts.....	788	
Total.....	2,680	Tuberculosis (Pulm).....	2	
		Disposition of Special Cases:		
Vaccinated during month.....	56	Treated by Family Physician.....	216	
Remaining to be Vaccinated.....	2,624	Treated by Family Physician (operation).....	783	
Examinations.....	9,716	Referred to Clinics.....	171	
		Referred to Societies.....	66	

It will be seen from said tabulation that out of the total number of pupils (26,928), there have been 783 operations performed by the family physician. This has been accomplished by the constant suggestion and urging of the nurse in the school. Also 216 children have been treated for various ailments by the family physician. The volume of work accomplished by the nurse both in the school and the home can be seen by the figures taken from the tabulation, there being 30,958 examined by the nurse in the school, 2,271 dressings, 2,007 treatments. The number of visits made to the home by the nurse recently figures 3,036, which may give some idea of the time consumed by the nurse in following up the various cases needing attention.

Owing to a change in our vaccination law, it will be seen that many children are attending school without being vaccinated. During the year as the nurse goes about among the schools she makes vaccination examinations and it seems that out of the total number of pupils examined, there are 515 who have never been vaccinated. This figure may be an interesting one at some future date.

During the year 3,542 children have been personally seen by the Chief Medical Inspector.

The following is a complete statement of the various diseases found to exist in the schools:

CONDITION—

Anemia	29
Enlarged Glands	100
Poorly nourished	28
Scrofula	10

EAR—

Defective Hearing	145
Discharging ears	100

EYE—

Astigmatism	23
Ch. Inflammation of lids	87
Ch. Inflammation of Conjunctiva	44
Corneal scars	8
Hypermetropia	53
Myopia	136
Strabismus	129
Twitchings	8
Defective vision	175

HEART—

Murmur	16
Irregular	7

LUNGS—

Tuberculosis	1
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MOUTH, NOSE AND THROAT—

Adenoids	627
Defective Palate	9
Hypertrophied Tonsils	1,019
Mouth Breathing	670
Nasal obstruction	91
Ozena	7
Tonsillitis, acute	11
Hard lip	1

NERVOUS SYSTEM—

Convulsions	6
Chorea	9
Defective mentality	33
Epilepsy	8
Paralysis	9
Facial paralysis	1

OSSEOUS STRUCTURE—

Deformity of spine	27
Deformity of extremities	29
Hip disease	28

SKIN—

Furunculosis	19
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SPEECH—

Stammering	8
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Owing to the fact that the additional six nurses have been employed but six months of the years the results obtained are not in proportion to the field under inspection.

After July, 1911, we expect to have added to our department five inspectors making a total of fourteen, and also two Assistant Medical Inspectors.

During the ensuing year all of the schools will be under inspection, thereby making the work complete.

The next annual report will show a wonderful improvement in work done and results accomplished.

Through the efforts of the Board of Education, the Superintendent of Schools and the teachers, the work of Inspection has become most efficient.

From year to year the value and importance of School Inspection is being recognized. It plays an important part in the education of the child in that a healthy body promotes a quick and receptive mind.

Respectfully,

E. L. WEMPLE, M. D.,
Chief Medical Inspector of Schools.

INSANITARY PREMISES

ANNUAL REPORT BOARD ACTIONS ON INSANITARY PREMISES.

MONTH.	CHARACTER OF PREMISES.	Results obtained on all condemnations.					Unabated	Injunctions		
		Unabated at last report	Condemned dur- ing the month	Abated					TOTAL.	
				By repair ..	By demo- lition	By Vacation..				
										TOTAL.
July 1900)	{ Dwelling	44	5	39	7	1	12	2		
	{ Stable	37	2	35	3	1	37	1		
	{ Miscellaneous	87		87	5	1	92	1		
August	{ Dwelling	42	8	34	9	1	43	1		
	{ Stable	38	2	36	4	1	41	1		
	{ Miscellaneous	82	1	81	6	1	87	1		
September	{ Dwelling	41	20	21	61	3	64	3		
	{ Stable	25	2	23	30	3	33	4		
	{ Miscellaneous	77		77	7	1	84	1		
October	{ Dwelling	53	17	36	70	11	81	4		
	{ Stable	26	1	25	4	2	29	1		
	{ Miscellaneous	11	1	10	71	6	77	1		
November	{ Dwelling	37	9	28	66	5	71	1		
	{ Stable	23	2	21	25	2	27	1		
	{ Miscellaneous	12	6	6	70	1	76	1		
December	{ Dwelling	55	13	42	68	4	72	1		
	{ Stable	22		22	4	3	25	1		
	{ Miscellaneous	5	5	6	71	5	76	1		
January 1910)	{ Dwelling	59	35	24	94	4	98	1		
	{ Stable	21	4	17	25	1	26	1		
	{ Miscellaneous	64	12	52	76	6	82	1		
February	{ Dwelling	74	40	34	114	11	125	1		
	{ Stable	23	2	21	25	2	27	1		
	{ Miscellaneous	69	3	66	72	1	73	1		

March	{ Dwelling..... { Stable..... { Miscellaneous.....	45 1 2	100 23 68	41 1 1	141 24 69	3 4	15	18	123 24 65	1
April.....	{ Dwelling..... { Stable..... { Miscellaneous.....	29 3 3	123 24 65	24 1 2	147 25 67	3 2 3	11 2	14	119 21 64	
May.....	{ Dwelling..... { Stable..... { Miscellaneous.....	9 3 1	119 21 64	6 4	125 25 64	1 2	32 4	1	91 24 58	1
June.....	{ Dwelling..... { Stable..... { Miscellaneous.....	3 3 5	91 24 58	2 24 3	93 24 61	3 1 1	12 8	15 1 9	78 23 52	1
Total.....	{ Dwelling..... { Stable..... { Miscellaneous.....	274 30 57	858 310 831	229 21 34	1078 331 868	46 23 50	123 6 18	17 5 1	892 296 799	5 2
Grand Total.....		361	2092	275	2277	119	147	23	1987	7

ANNUAL REPORT, DIVISION OF SANITARY INSPECTION.

NUISANCES	Totals	1910						1911					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Complaints unabated at last report	129	9	4	7	9	18	6	7	10	13	22	15	9
Complaints filed during month.....	432	49	31	22	32	31	30	38	34	40	41	37	47
Total.....	561	58	35	29	41	49	36	45	44	53	63	52	56
Complaints abated.....	310	41	19	17	21	19	19	25	22	22	39	35	31
No cause.....	33	7	2	1	1	2	4	0	3	3	3	1	7
Referred to other departments.....	77	6	7	2	3	10	6	9	6	6	6	7	9
Unabated.....	141	4	7	9	17	18	7	11	13	22	15	9	9
Total.....	561	58	35	29	41	49	36	45	44	53	63	52	56
Number of first inspections.....	565	125	99	22	31	31	30	28	34	40	41	37	47
Number of re-inspections.....	4063	332	318	9	322	339	283	489	338	434	417	332	330
Special inspections.....	3951	219	375	410	467	354	349	277	265	282	282	338	306
Total number of inspections.....	8522	676	792	441	820	724	662	794	667	756	740	767	683

COMMUNICABLE DISEASES, QUARANTINED AND INVESTIGATED.

	Totals	1910						1911					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Quarantined—													
Diphtheria.....	316	27	32	30	22	28	32	40	25	23	22	23	12
Scarlet Fever.....	599	17	27	26	25	40	43	79	47	88	73	67	67
Smallpox.....	15	1	1	5	3	2	1	6	1			1	1
Investigated—													
Acute Anterior Poliomyelitis.....	11	3											
Ampliasia.....	11	3	4			1				1	2	1	
Anthrax.....	3	1					1						
Beri Beri.....	3			1			1			1	1		
Cerebro Spinal Meningitis.....	14	3	2						1	3		3	2
Dengue.....	1		1										
Erysipelas.....	92	7	1	6	6	6	9	8	7	11	11	5	12
Chick-pox.....	624	6	18	39	52	50	51	52	67	119	79	68	23
Philariasis.....	2								1	6			1
Glanders (Animal).....	55	8	6	6		2	3	3	3		7	2	7
Impetigo.....	3					2	2			2	2	3	2
Infantaria.....	41	6	4			4	7	7	2				2
Lepra.....	3							1					1
Malaria.....	36	5	5	10	5	1	4	1		1	3		
Measles.....	1212	37	34	69	36	47	71	57	92	149	166	280	171
Paratuberculosis.....	394	4		2	28	89	49	55	49	129	113	69	13
Periosteitis.....	1		1										
Pertussis.....	132	59	41	26	15	17	15	16	27	77	58	59	19
Pneumonia.....	516	42	52	43	43	57	40	50	35	47	21	28	52
Rabies.....	15	1			3	1		2	8	3			
Rubella.....	52	1	1	4	3	1		1	1	1	13	10	4
Scarlet Fever.....	26											10	14
Tetanus.....	13		3	4	2	1		1	1	1		1	1
Typhoid.....	1			1									
Typhoid Fever.....	285	26	42	35	20	25	45	20	10	11	23	12	16

ANNUAL REPORT, DIVISION OF SANITARY DISINFECTION.

	Totals	1910						1911					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Fumigations—													
Diphtheria.....	319	27	29	28	20	22	36	36	35	29	16	27	14
Scarlet Fever.....	507	17	24	12	26	28	43	50	56	55	72	60	64
Smallpox.....	19	1	1	1	1	1	7	6	2	1	1	1	1
Tuberculosis.....	889	81	81	56	73	78	86	73	66	83	83	74	55
Cerebro Spin. Meningitis.....	5									1	1	2	1
Typhoid Fever.....	9	1	2	3		1	1	1	1	1	1	1	1
Glanders.....	38	5	4	4	5	1	2	2	1	5	5	4	6
Other Cases.....	24	5	6	4				1		1	1	1	3
Total.....	1814	137	147	107	121	130	175	169	160	174	178	169	144
Rooms Fumigated.....	2895	240	158	182	213	225	305	274	271	290	304	304	259
Cubic Feet Disinfected.....	4,617,380	318,870	338,130	252,270	329,250	350,630	487,020	391,460	410,100	373,750	426,450	452,150	448,300
Material Used—													
Formalin (oz.).....	63,256	4,464	4,974	3,562	4,412	4,568	6,196	5,203	5,559	5,092	6,366	6,500	5,670
Sulphur (lbs.).....	3,773	367	277	259	169	226	430	391	277	308	353	318	365
Crude Carbolic Acid (oz.).....	610		640										
Petrie Dishes Placed.....	208		32	18	24	20	22	16	16	18	14	14	14

ANNUAL REPORT DIVISION PLUMBING INSPECTION.

	Totals	1910						1911					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Inspection.													
Construction.													
In Construction	9243	699	906	630	642	806	772	678	671	841	926	827	802
On Completion	1003	286	383	288	320	413	364	420	297	436	290	306	400
On Work Granted by Permit	1891	147	249	92	164	193	177	112	133	160	156	126	145
Total	15540	1232	1538	1010	1136	1412	1313	1240	1121	1440	1462	1299	1347
Sewers.													
Inspected	8884	973	829	587	573	755	710	611	587	802	924	791	712
Cast Iron (feet)	673919	57810	68210	35500	43590	59290	61990	51790	47250	60630	63110	61990	58400
Iron Stone (feet)	299775	16740	20240	18000	13440	27109	17636	17720	10340	18250	70180	18620	14890
Curb Traps	5401	510	467	288	406	407	461	526	341	536	465	480	517
Nuisances.													
First Inspection	1033	70	86	60	85	159	65	79	55	83	74	168	75
Reinspection	1396	90	177	129	128	98	131	152	96	115	126	79	72
Total	2448	160	263	189	213	257	198	225	151	198	200	247	147
Unabated at Last Report	375	38	50	40	35	27	36	13	24	34	31	21	23
Received During Month	880	61	60	66	99	76	77	83	58	83	76	71	64
Total	1254	102	119	106	134	103	113	96	82	117	107	98	87
Abated	679	46	59	43	52	42	81	46	36	71	67	60	56
Referred to other Departments	102	1	7	6	39	9	9	9	5	4	5	5	3
No Case	144	9	13	22	16	15	10	14	7	11	11	10	6
Remaining Unabated	359	46	40	35	27	37	13	27	34	31	24	23	22
Notices.													
First Notices	920	55	87	53	72	81	86	85	68	103	86	71	80
Last Notices	419	38	52	12	39	32	43	40	29	35	41	31	27
Total	1340	93	139	65	111	113	129	125	97	138	127	105	107

NEW FIXTURES INSTALLED IN OLD BUILDINGS.

	Totals	1910						1911					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Water Closets	1234	100	101	96	250	51	58	42	103	180	79	101	73
Basins	1429	182	83	89	243	42	38	40	350	150	64	88	60
Bath Tubs	707	60	58	42	207	20	24	21	52	94	45	55	29
Sinks	790	71	66	47	217	38	40	28	38	93	48	70	31
Wash Trays	334	21	38	28	40	23	19	13	17	50	26	37	22
Urinals	431	6	4	14	2	9	12	2	18	6	9	8	7
Slop Hoppers	304	15	19	22	28	85	9	11	19	30	29	19	18
Grease Traps	17	1	1	1	1	1	1	1	5	6	9	2	6
Cesspools	42	1	3	5	2	4	4	10	8	10	7	5	6
Sewers	120	10	16	11	4	12	6	10	8	10	11	12	10

Number of plans submitted, 1464.

Number of buildings represented, 1597.
Permits granted for repair work, 910.

MASTER PLUMBER EXAMINATION

ANNUAL REPORT, EXAMINATION FOR MASTER PLUMBER.

Date of Examination.		PLAN.			Date of Examination.	QUESTION		
		Applications Filed.....	Number Examined	Results Passed..... Failed.....		Number Examined...	Passed.....	Failed
July	1, 1910	3	5	3	July	3	1	2
Aug.	5, 1910	6	6	2	Aug. 19, 1910	3	2	
Sept.	2, 1910	2	2		Sept. 16, 1910			
Oct.	7, 1910	10	9	6	Oct. 21, 1910	3	3	1
Nov.	4, 1910	6	6	2	Nov. 18, 1910	3	2	
Dec.	2, 1910	4	4	2	Dec. 16, 1910	3	2	
Jan.	6, 1911	5	5	3	Jan. 20, 1911	3	2	
Feb.	3, 1911	5	5	2	Feb. 17, 1911	4	1	3
Mar.	3, 1911	6	6	4	Mar. 17, 1911	1	2	
April	7, 1911	11	7	3	April 21, 1911	1	3	
May	5, 1911	5	5	4	May 19, 1911	1	1	
June	2, 1911	6	5	5	June 16, 1911			
Total		73	61	27 31	Total	24	18	7

ANNUAL REPORT, DIVISION OF FOOD INSPECTION.
INSPECTIONS MADE.

	Total	1910						1911					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Bakeries.....	121	1		15		29	1	14	74	6	8		2
Butchershops.....	77	7	11	1	6		1		2	14		6	
Candy Factories and Stores.....	117	7		4		5	3		35	59	4		
Commission Houses.....	2256	30	111	111	259	285	177	410	46	157	152	226	292
Delicatessen Stores.....	12		1						1	1		6	
Fruit Stores.....	283	59	13	15	18	8	24	10	6	5	28	88	9
Fish Markets.....	191	9		2		59	39				32	42	8
Grocery Stores.....	193	45	4	10	3	6	4		2	42	11	60	6
Hotels and Restaurants.....	505	41	8	47	121	188	27	14	4		19	29	7
Milk Depots.....	14					1		2	4		7		
Peddler Wagons.....	41									5	34	2	
Wharves.....	190	10		2	2	2		2			12	30	130
Miscellaneous.....	376	55	24	11	54	29	59	71	16	18	29	4	6
Total.....	4376	264	172	218	465	613	335	523	190	314	329	493	460

[illegible]

ANNUAL REPORT—DIVISION MARKET INSPECTION
INSPECTIONS

	Total	1910							1911					
		July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr.	May	June
Abattoirs	7383	854	951	869	621	599	629		510	453	530	493	534	481
Markets	17854	191	804	2002	1859	1816	2177		1637	1261	2012	1368	1535	1172
Wharves	6761	128	348	527	633	786	785		704	655	769	726	491	599
Railroad Depots	1257	54	75	107	137	137	133		124	109	121	115	72	70
Commission Houses	3215	190	80	166	240	307	375		358	293	356	338	231	282
Chinatown	6003	180	419	445	760	575	550		655	405	915	832	374	411
Total	43443	1897	2886	4116	4260	4220	4649		3968	3176	4706	3878	2959	2628
Fish (lbs.)	1871000	100000	100000	830000	1058000	1014000	1053500		731850	420000	1000000	1250000	775000	815550
Beef	84067	10400	10037	13350	7438	7536	5679		5558	5447	5109	4962	4231	5067
Calves	71522	4078	5378	5776	5909	59674	48764		11619	6319	7113	5660	4789	3977
Pigs	1359604	11450	16017	29081	10143	10050	106694		10058	9240	7448	9711	8418	8755
Sheep	292335	28808	29246	18867	107022	12107	7925		8438	11418	10677	11416	10221	9900
Lambs	301932	41186	32546	44812	24046	236294	23731		16619	17481	18646	16511	20285	20086
Poultry	4480740	67000	54854	231707	364231	574097	651885		183135	624230	224730	170640	296730	131735

ANNUAL REPORT DIVISION OF MARKET INSPECTION.
CATTLE SLAUGHTERED FOR HUMAN CONSUMPTION.

Month	Source of Supply	Totals	Beeves	Calves	Sheep	Lambs	Hogs
July.....	Butchertown.....	54512	8150	2874	14061	22734	6690
	Outside.....	355374	57604	1682	9948	14172	3975
	Total.....	900496	139104	4556	24012	36906	10665
August.....	Butchertown.....	57474	7960	3760	14709	20720	10325
	Outside.....	4871	1496	679	1151	1516	32
	Total.....	62348	9456	4439	15860	22236	10357
September.....	Butchertown.....	62943	8732	2881	13225	27765	10340
	Outside.....	5695	1528	1661	928	1473	12
	Total.....	68548	10260	4545	14153	29238	10352
October.....	Butchertown.....	64216	9087	3007	13686	27766	10860
	Outside.....	8814	1801	3813	1190	1883	27
	Total.....	73030	10888	6820	14876	29549	10887
November.....	Butchertown.....	61391	8424	2512	12512	26153	11490
	Outside.....	9723	2142	3180	1562	2779	60
	Total.....	71114	10566	5692	14074	28932	11550
December.....	Butchertown.....	64592	8208	2988	11788	27848	13660
	Outside.....	76804	1753	3259	1234	1266	1684
	Total.....	722724	10061	6247	13022	29114	138284
January.....	Butchertown.....	63750	8604	2831	16850	24661	10861
	Outside.....	6898	1777	1398	1751	1797	175
	Total.....	70648	10381	4229	18601	26461	10976
February.....	Butchertown.....	59654	9134	2397	17951	18832	11340
	Outside.....	13016	2510	2448	4023	3354	701
	Total.....	72700	11644	4845	21974	22196	12041
March.....	Butchertown.....	40311	4817	1234	9199	12988	12073
	Outside.....	18258	3340	4127	6557	3752	482
	Total.....	58569	8157	5361	15756	16740	12555
April.....	Butchertown.....	36757	2650	687	6523	4824	17073
	Outside.....	13452	2335	3252	4021	3474	370
	Total.....	50209	4985	3939	10544	8298	17443
May.....	Butchertown.....	16967	2180	501	3430	1038	9418
	Outside.....	17085	2624	3468	4251	6067	675
	Total.....	34052	5104	4069	7681	16405	1003
June.....	Butchertown.....	150336	7997	2378	103000	23616	13275
	Outside.....	14681	2955	2640	3556	5430	480
	Total.....	164117	10652	5018	106556	28646	13755
Totals.....	Butchertown.....	732923	86953	28150	237027	244048	137345
	Outside.....	155334	29714	31610	40172	46673	71574
	Total.....	888257	116667	59760	277199	290721	148924

ANNUAL REPORT, DIVISION OF MILK INSPECTION.

	Total	1910						1911					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Samples Taken From													
Milk Wagons	588	10	4	3		100	107	49	86	67	21	96	45
Depots and Dairies	605	3	1	10	3	2	33		7	67	250		219
R. R. Depots and Wharves	2125	141	98	299	220	177	98	207	131	210	189	310	135
Groceries	33				1			25	6	1			
Delicatessen Stores	8				1			5	2				
Hotels and Restaurants	76	13	27	1				1	4		31		
Bakeries	1	1											
Miscellaneous	136	1			5						150		
Total	4392	168	130	223	220	279	228	287	226	345	651	406	399
Arrests													
Pending at Last Report	58	5	4	22	4	1	4		4	2	2	3	4
Arrested During Month	167	6	31	14	5	5	23	29	17	9	7	26	4
Total	222	11	35	36	9	6	27	29	21	11	9	29	8
Convicted	67	5	3	10	4	2	14	7	8	4	1	8	1
Fines Imposed	\$1655	\$45	\$54	\$190	\$125	\$20	\$70	\$20	205	\$70	\$200	\$163	\$25
Dismissed	1081	2	10	23	4		13	9	11	5	5	17	4
Pending	33	4	22	4	1	4		4	2	2	8	4	3

ANNUAL REPORT—DIVISION INDUSTRIAL INSPECTION.

CLASS OF PREMISES.	DIVISION INDUSTRIAL INSPECTION.						
	Total inspections	Inspections made on sanitary premises..	Premises found insanitary.....	Insanitary Premises Reinspected.....	Referred to other Departments.....	First notices.....	Last notices.....
Bakeries.....	1024	962	62	55	2	30	19
Bath Houses.....	23	20	3	5		1	2
Candy Factories.....	355	297	58	59	9	15	8
Cigar Factories.....	173	161	12	13		3	
Dry Goods, Gen'l Mdse.....	202	169	33	28	5	12	1
Garment, Shoe Factories.....	668	543	125	128	10	40	7
Laundries.....	831	714	117	107	11	56	38
Meat Markets.....	68	66	2	1		2	57
Nickelodeons.....	610	325	285	269	22	71	62
Printing, Bookbinding Shops.....	332	272	80	80	8	20	9
Restaurants.....	1381	1263	118	105		68	23
Miscellaneous.....	787	588	199	118	36	83	17
Total.....	6154	5360	1094	998	103	401	221
Abated							336

ANNUAL REPORT, DIVISION OF GARBAGE INSPECTION.

	Total	1910						1911					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Inspections													
Scavenger and Swill Wagons Inspected	238	2	3	1		1		167	56	5	2		1
Reduction Works Inspected	47	4	3	1	5	3	4	3	4	5	5	5	5
First Inspections (Garbage Cans)	328	331	358	198	269	268	281	116	177	386	251	430	320
Re-inspections (Garbage Cans)	334	34	45	7	24	36	38	40	13	13	22	25	37
Total	3917	371	409	297	298	298	326	326	250	339	280	490	363
Notices													
First Notices	342	41	45	16	23	28	46	40	10	10	20	32	31
Last Notices	15	1	1		1	5		2			2	2	1
Total	356	42	45	16	24	33	46	42	10	10	22	34	32
Results Obtained													
Premises with defective or no garbage cans at last Report	156	7	15	14	23	24	11	22	22	5	3		7
Premises with defective or no garbage cans found during month	333	41	44	16	24	28	46	40	10	10	11	32	31
Total	489	48	59	30	47	52	60	62	32	15	14	32	38
Garbage Can Nuisances Abated													
Garbage Can Nuisances Abated	337	33	45	7	23	38	38	38	27	12	14	25	37
Garbage Can Nuisances Remaining Unabated	152	15	11	23	24	14	22	24	5	3		7	1
Proof Total	489	48	59	30	47	52	60	62	32	15	14	32	38

ANNUAL REPORT, DIVISION OF TRUCK GARDEN INSPECTION.

	Total	1910						1911					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Market Inspections	247	12	9	3	9	78	54	32	7	14	16	7	6
Wagons Inspected	375	20	10	4	18	10	12	105	85	32	45	24	10
Garden Inspections—													
First Inspections	10	5	1		2	1						1	
Reinspections	800	69	78	22	68	61	98	58	52	78	51	94	71
Special Inspections	166	14	9	8	11	5	6	4	15	18	29	20	27
Total.....	976	88	88	30	81	67	104	62	67	96	80	115	98
Results—													
Insanitary Gardens at Last Report	36	11	11	3	1	1	2			2	3		2
Insanitary Gardens Inspected during Month.....	62	6		2	2	11	12		6	7	3	6	7
Total.....	98	17	11	5	3	12	14		6	9	6	6	9
Gardens rendered sanitary	72	6	8	4	2	10	14		4	6	6	4	8
Gardens remaining insanitary	26	11	3	1	1	2			2	3		2	1
Ulog Nuisances Abated by Removal.....	14	7				2	4			1			
Water Samples Submitted to Chemist.....	10		7	2							1		
Vegetable Samples to Bacteriologist.....	18	1	1	1		15					1		

No. of Truck Gardens in S. F. County, 58.

ARRESTS

53

[illegible]

* Sentence 30 days.

Chemical Laboratory

San Francisco, Cal., September 15, 1911.

Dr. Wm. F. McNutt, Jr., Health Officer.

Dear Sir:—I herewith submit the report of the work done in the Chemical Laboratory during the fiscal year of 1910-1911. Since there was no change in the Laboratory staff during the year the work was all done under my direction, and all the results of analyses which were made a basis of legal procedure were personally reviewed by the writer. I also wish to state that the success obtained in this Department is largely due to the able and efficient work rendered by my assistants, Mr. Fred West as 1st Assistant and Mr. George Ahlers acting as 2nd Assistant, Miss Esther Kilsby, although not rated as an assistant Chemist, did a great deal of the mechanical work which would naturally fall to a 3rd Assistant Chemist, and therefore should receive special mention in this report.

In order to give a complete and comprehensive idea of the work, I have arranged it in tabular form, Table No. 1 is arranged to show work done by months. As milk is the most important food stuff used by almost every inhabitant of our city, we naturally paid more attention to it than to all other foods combined. During the year we analysed 3,412 samples as shown in column 1 of this table.

Column 2 shows the number of water analyses made each month, making a total of 256 for the year.

Column 3 designated as "miscellaneous" represents all the rest of the work done during the year. Under this head is grouped everything from a mere qualitative test for preservative to a complex analysis in research work, thus covering a complete work in food chemistry. As special items in this work should be mentioned the work done on candies for coal tar dyes and adulterants, more than 300 samples were analysed during the months of February and March of the present year.

Another series of analyses which received a great deal of publicity at the time constitute the research work on oysters. We were the first Chemists on the Coast to discover the presence of copper in large quantities in the oysters shipped here from various points on the Atlantic Coast.

We should here also mention the work done on coloring matter in ice cream/cornicepas as constituting another item of this column. The reason for not giving these analyses in separate columns is that the work covered only a short period of time and was not carried out throughout the year.

In column 4 we find the totals of each month giving a grand total of 4,308 analyses for the year. Column five gives the number of cases for arrest for each month, showing a total of 171 for the year. Column six shows the number of convictions obtained each month making a total of 70 for the year. This number would have been considerably increased if Ordinance 22 had not been found defective, thus necessitating the dismissal of some 20 add cases as shown in column during the month of September.

Column 7 gives the number of cases dismissed each month, showing a total of 103 during the year. Column 8 shows cases carried over each month. Column 9 gives the sum of fines obtained each month, making a total of \$1,635.00 for the year.

TABLE TWO.

This table gives complete report for each month of all the samples of milk which were found below standard with the full analyses of each sample. This table is to show at a glance which shippers and dealers were supplying the milk to the inhabitants of our city, which was declared by Ordinance "unfit for food." All samples which were not up to the standard in butter fat 3.4%, total solids 12%, solids not fat 8.5%, are here listed. All samples found to be 3.2% or less in butter fat, or 11.5% or less in total solids, or 8.25% or less in solids not fat, are designated as cases for arrest.

We have no Ordinance requiring a refractive index for milk serum as a standard for watering, or water in milk. This defect in our ordinance should be corrected, and I would herewith recommend that an index of refraction of not less than 41.5 be fixed for pure unwatered milk. In this connection I should state that we have investigated various herds from which milk is shipped into this city, and have found that the average per cent of butter fat varies from 3.6% to 3.98% per herd in a mixture of Durham and Jersey cattle. In a herd of Holstein cattle this per cent is reduced to from 3.4% to 3.6%. The index of refraction obtained in these herds is always more than 41.5 when the average is taken. These average results were obtained from samples of milk taken by our Inspectors when the cows were milked and therefore give us an absolute result.

TABLE THREE.

This table shows what disposition was made of each case brought to court, giving not only the name of the Inspector who swore to the complaint but also the name of the Judge who tried the case with the fine imposed or dismissal given. This table gives in detail what is shown in columns 5, 6, 7, 8 and 9 of table No. 1.

TABLE FOUR.

Number four gives in detail the results of analysis of every sample of water made throughout the year and therefore is very valuable as an index of San Francisco water supply as furnished by the various sources available at present.

In conclusion would state that the most approved methods were followed in the making of all analyses in the Laboratory. The instruments and apparatus used is the best to be obtained here and abroad, and graduated as accurately as possible, therefore I have no hesitancy in stating that all analyses are as accurate as it is possible to make them.

Respectfully submitted,

A. C. BOTHE, M. D., Chief Chemist.

TABLE NO. 1—COMPARATIVE TABLE FOR YEAR, SHOWING TOTAL WORK DONE EACH MONTH; ALSO TOTAL AMOUNT OF FINES OBTAINED IN COURT CASES. 1909-1910.

A. C. Bothe, M. D., Chief Chemist.

1910 to 1911	Milk.....	Water.....	Miscellaneous.....	Total Analysis.....	Arrests.....	Continuations	Dismissals	Cases Pending	Fines.....
July.....	173	42	24	239	7*	6	3	3	\$ 105 00
August.....	143	24	37	204	33	3	8	25	50 00
September.....	237	24	38	299	15	11	28	1	160 00
October.....	234	24	31	289	5	4	1	1	125 00
November.....	285	17	22	324	5	2	0	4	20 00
December.....	242	17	37	296	23	14	13	0	245 00
January.....	296	6	39	341	20	7	8	5	80 00
February.....	269	21	186	476	16	8	11	2	295 00
March.....	344	15	178	537	9	4	5	2	55 00
April.....	472	28	11	511	7	1	6	2	300 00
May.....	406	17	16	439	27	8	7	4	150 00
June.....	311	21	21	353	4	2	3	3†	50 00
Total for Year.....	3412	256	640	4308	171	70	103		\$1635 00

* 5 cases pending from June.

† 3 cases continued to July, 1911.

Lab. No.	SAMPLES FROM	INSPECTOR
8	J. M. Bello, Alto	Shipper Landrum
9	J. Diaz, Manzanita	Shipper O'Connor
12	J. Ogier, San Jose	Shipper Lydon
13	J. Cardoza, San Rafael	Shipper Murphy
37	R. Ghisletta, Sears Point	Shipper Landrum
42	J. S. Brazil, Ignacio	Shipper O'Connor
45	M. Fagundes, San Rafael	Shipper Lydon
48	M. S. Soares, Ignacio	Shipper Murphy
57	M. C. B., Crockett	Shipper Landrum
64	J. Domingos, Ignacio	Shipper O'Connor
72	The Favorite, 947 Market St., M. Myman, Mgr	Restaurant Murphy
4	F. Machado, Mt. View	Shipper L. M. O'C. & L.
26	J. S. Bernardo, Reeds	Shipper L. M. O'C. & L.
27	J. M. Azevedo, Alto	Shipper L. M. O'C. & L.
32	M. Rogers, San Clemente	Shipper L. M. O'C. & L.
33	J. M. Souza, Vallejo	Shipper L. M. O'C. & L.
34	M. S. Brazil, Vallejo	Shipper L. M. O'C. & L.
46	J. S. Brazil, Hilarita	Shipper L. M. O'C. & L.
47	M. S. Freitas, Gallinas	Shipper L. M. O'C. & L.
50	M. Esperanza, Agnews	Shipper L. M. O'C. & L.
63	G. LaFranchi, Buena Vista	Shipper L. M. O'C. & L.
65	I. Sartori, Black Point	Shipper L. M. O'C. & L.
77	J. H. Chorlton, 2033 Golden Gate Ave	Wagon Lydon
78	Basso Bros., 659 Francisco St.	Wagon Murphy
80	M. Mandich, 3642 Seventeenth St.	Wagon Lydon & Murphy
81	Clavere & Mondott, 420 Somerset St.	Wagon Lydon & Murphy
88	H. Spagms, 1 Jackson St.	Restaurant Lydon
89	E. Milleglow, 57 Jackson St.	Restaurant Murphy
91	Sugiharo & Kiode, 241 East St.	Restaurant Lydon
93	A. Brown, 125 East St.	Restaurant Murphy
94	J. Nichols, 105 East St.	Restaurant Lydon
95	J. Lutich, 3087 Sixteenth St.	Restaurant Murphy
96	J. Kennel, Seven Mile House	Wagon Lydon
101	W. H. Blunder, 510 Valencia St.	Restaurant Murphy
90	A. Evanson, 9 Jackson St.	Restaurant Lydon & Murphy
98	S. Poff, 3084 Sixteenth St.	Restaurant Lydon & Murphy
99	Posiet & Lutch, 3042 Sixteenth St.	Restaurant Lydon & Murphy
114	J. S. Cardoza, San Rafael	Shipper Murphy
115	E. I. Azevedo, Greenbrae	Shipper Lydon
126	W. Heulton, Roy's Spur	Shipper O'Connor
132	Pacheco, Vallejo	Shipper Murphy
141	I. Sartori, Black Point	Shipper O'Connor
153	M. N. Esbornaza, Agnews	Shipper Lydon
102	F. Machado, Mt. View	Shipper L. M. O'C. & L.
111	J. M. Bello, Alto	Shipper L. M. O'C. & L.
113	M. T. F., San Rafael	Shipper L. M. O'C. & L.
118	M. J. Silva, Ignacio	Shipper L. M. O'C. & L.
140	J. Domingos, Ignacio	Shipper L. M. O'C. & L.
162	F. I. Frappant, Birchli	Shipper L. M. O'C. & L.

STANDARD

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
41.3	3.1	11.5	8.4	.3		.....	Arrested.
42.2	3.2	11.8	8.6	.2		.....	Arrested.
42.4	3.2	12.07	8.87	.2		.....	Arrested.
42.0	3.2	11.6	8.4	.2		.....	Arrested.
40.2	2.9	11.3	8.4	.5		.....	Arrested.
42.0	3.2	11.9	8.7	.2		.....	Arrested.
41.0	3.2	11.5	8.3	.2		.....	Arrested.
41.8	3.2	11.9	8.7	.2		.....	Arrested.
42.1	3.1	12.1	9.0	.3		.....	Arrested.
42.4	3.0	11.7	8.7	.4		.....	Arrested.
37.7	2.8	10.7	7.9	.6		Water 15%	Arrested.
42.3	3.3			.1		.....	.....
41.0	3.3			.1		.....	.....
41.4	3.3			.1		.....	.....
41.6	3.3			.1		.....	.....
42.5	3.3			.1		.....	.....
42.2	3.3			.1		.....	.....
43.0	3.3			.1		.....	.....
42.1	3.3			.1		.....	.....
40.4	3.3			.1		.....	.....
41.7	3.3			.1		.....	.....
41.0	3.3			.1		.....	.....
41.3	3.1	11.57	8.47	.3	.3	.....	Arrested.
43.2	3.2	12.18	8.98	.2		.....	Arrested.
42.8	3.3			.1		.....	.....
39.1	3.3			.1		.....	.....
35.9	2.3	9.50	7.20	1.1	1.3	Water 20%	Arrested.
40.6	2.4	10.96	8.56	1.0		.....	Arrested.
41.1	2.4	11.25	8.85	1.0		.....	Arrested.
40.9	2.4	11.06	8.66	1.0		.....	Arrested.
42.1	3.0	12.06	9.06	.4		.....	Arrested.
35.4	2.5	9.42	6.92	.9	1.98	Water 20%	Arrested.
38.6	2.5	10.55	8.05	.9	.45	Water 10%	Arrested.
40.8	2.0	10.44	8.44	1.4	.06	.....	Arrested.
41.0	3.3			.1		.....	.....
41.5	3.3			.1		.....	.....
42.2	3.3			.1		.....	.....
40.2	3.0	11.54	8.54	.4		.....	Arrested.
40.1	3.1	12.20	9.1	.3		.....	Arrested.
41.8	3.1	11.98	8.88	.3		.....	Arrested.
42.0	3.2	11.87	8.67	.2		.....	Arrested.
39.8	3.0	11.44	8.44	.4	.6	.....	Arrested.
38.9	3.1	11.07	7.97	.3		Water 10%	Arrested.
41.2	3.3			.1		.....	.....
41.4	3.3			.1		.....	.....
41.1	3.3			.1		.....	.....
41.3	3.3			.1		.....	.....
42.2	3.3			.1		.....	.....
42.5	3.3			.1		.....	.....

Lab. No.	SAMPLES FROM	INSPECTOR
163	M. C. B., Crockett	Shipper L. M. O'C. & L....
169	C. Mason, Cordelia	Shipper L. M. O'C. & L....
AUGUST, 1910—		
187	Rogers, Manzanita	Shipper L. M. L. & O'C....
193	E. Foster, Larkspur	Shipper L. M. L. & O'C....
231	M. Domingos & Co., Mt. View	Shipper O'Connor
236	F. A. Machado, Palo Alto	Shipper Lendrum
243	Cabral, Lawrence	Shipper Murphy
257	Cabral, Lawrence	Shipper L. M. L. & O'C....
263	Saloman Bros., 1507 Broderick St.	Shipper L. M. L. & O'C....
266	J. S. Bernardo, Mt. View	Shipper L. M. L. & O'C....
272	M. Nunez, Mayfields	Shipper L. M. L. & O'C....
274	LaBrucheri, Perry	Restaurant .. L. M. L. & O'C....
290	R. Kirschner, 1625 Fillmore St.	Restaurant .. Lydon
291	D. W. Saylor, 1327 Fillmore St.	Depot Lendrum
282	Saloman Bros., 1507 Broderick St.	Restaurant .. Lydon & Lend....
293	P. Ellas, 247 Fillmore St.	Wagon Lydon
298	Central Milk Co., 21st and Folsom Sts.	Restaurant .. Lendrum
302	A. Chemalian, 1269 Golden Gate Ave.....	Restaurant .. Lendrum
303	L. T. Owens, 1025 Golden Gate Ave.....	Restaurant .. Lydon
305	J. U. McConnell, 1189 Oak St.	Restaurant .. Lendrum
306	Jacobsen & Jorgensen, 2079-81 Market St.....	Restaurant .. Lendrum
308	A. Pappageorge, 589 Hayes St.....	Restaurant .. Lendrum
309	R. T. Gernsoviich & Co., 582 Hayes St.....	Restaurant .. Lendrum
296	H. Desorlermes, 1130 Fillmore St.	Restaurant .. Lydon & Lend....
315	Central Milk Co., 31st and Folsom Sts.	Wagon Lydon
316	H. Lapachet, Six-Mile House	Wagon
SEPTEMBER, 1910—		
322	L. Dogdan, 2107 San Jose Ave	Restaurant .. Murphy
375	F. Machado, Palo Alto	Shipper Lendrum
399	M. Nunez, Mayfield	Shipper O'Connor
400	M. Nunez, Mayfield	Shipper O'Connor
419	A. Rosa & Co., 20 Oak Grove Ave	Depot O'Connor
425	J. Moran, 2817 Mission St.	Depot O'Connor
427	O. Fitzgerald, Twenty-second and Capp Sts.	Store Lendrum
421	Central Milk Co., Twenty-first and Folsom Sts	Depot O'C. and Lend....
424	F. Strum, 1405 Valencia St.	Depot O'C. and Lend....
425	Pacheco, Vallejo	Shipper Murphy
458	A. A. M., Alto	Shipper O'Connor
498	W. W. E., Agnes	Shipper Lendrum
463	W. Heaton, Roy's Spur	Shipper Murphy
461	M. F. Freitas, San Rafael	Shipper O'Connor
494	M. S. S., Ignacio	Shipper Lendrum
471	M. G. F., San Rafael	Shipper L. M. O'C. & L....
483	M. P. A., Hurdell	Shipper L. M. O'C. & L....
451	J. M. A., Alto	Shipper L. M. O'C. & L....

STANDARD—Continued

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
42.5	3.3			.1		-----	-----
39.3	3.3			.1		-----	-----
42.1	3.3			.1		-----	-----
42.5	3.3			.1		-----	-----
41.5	3.2	12.04	8.84	.2		-----	Arrested.
40.5	3.1	11.55	8.45	.3	.05	-----	Arrested.
38.6	2.8	10.80	8.00	.6	.5	Water 10%	Arrested.
41.2	3.3			.1		-----	-----
43.2	3.3			.1		-----	-----
42.4	3.3			.1		-----	-----
42.7	3.3			.1		-----	-----
43.2	3.3			.1		-----	-----
43.3	2.7	11.77	9.07	.7		-----	Arrested.
41.2	2.9	11.35	8.45	.5		-----	Arrested.
42.7	3.3			.1		-----	-----
42.5	2.5	11.30	8.8	.9		-----	Arrested.
41.3	3.1	11.52	8.42	.3	.08	-----	Arrested.
42.2	2.6	11.29	8.69	.8		-----	Arrested.
41.7	2.7	11.28	8.58	.7		-----	Arrested.
42.2	3.2	11.73	8.53	.2		-----	Arrested.
40.6	3.1	11.23	8.13	.3	.37	-----	Arrested.
37.8	1.9	9.43	7.53	1.6	1.	Water 10%	Arrested.
43.2	3.0	12.19	9.19	.4		-----	Arrested.
41.0	3.3			.1		-----	-----
36.8	3.1	10.82	7.72	.3		Water 15%	Arrested.
38.4	2.5	9.8		.9		-----	Arrested.
38.7	2.4			1.		Water 10%	Arrested.
41.4	3.0	11.86	8.86	.4		-----	Arrested.
41.0	3.1	11.78	8.68	.3		-----	Arrested.
40.5	3.1	11.68	8.58	.3		-----	Arrested.
40.5	3.0	11.74	8.74	.4		-----	Arrested.
42.2	2.5	11.56	9.06	.9		-----	Arrested.
38.3	3.0	10.80	7.80	.4		-----	Arrested.
41.2	3.3			.1		-----	-----
42.0	3.3			.1		-----	-----
41.1	3.1	11.79	8.69	.3		-----	-----
40.9	3.2	12.07	8.87	.2		-----	Arrested.
41.0	3.2	12.04	8.84	.2		-----	Arrested.
41.1	3.1	11.83	8.73	.3		-----	Arrested.
41.1	3.1	12.02	8.92	.3		-----	Arrested.
40.0	2.4	11.11	8.71	1.		-----	Arrested.
39.9	3.3			.1		-----	-----
39.9	3.3			.1		-----	-----
41.3	3.3			.1		-----	-----

MILK BELOW

Lab. No.	SAMPLES FROM	INSPECTOR
470	R. L. Agnews	Shipper
486	J. Verissimo, Novato	Shipper
512	M. Nunez, Mt. View	Shipper
513	A. M. B., Lawrence	Shipper
521	J. S. Bernardo, Mt. View	Shipper
522	J. S. Bernardo, Mt. View	Shipper
528	F. P. Roche, Mt. View	Shipper
543	F. Pacheco, Mt. View	Shipper
544	F. Pacheco, Mt. View	Shipper

OCTOBER, 1910—

577	M. V. Amaral, Palto Alto	Shipper
576	M. V. Amarel, Palo Alto	Shipper
708	E. I. Azevedo, Greenbrae	Shipper
715	M. M. Esperanza, Agnews	Shipper
734	C. Mason, Cordelia	Shipper
669	F. Silva, Manzanita	Shipper
708	R. Martinella, Reclamation	Shipper
709	A. M. DeBarba, Brickyard	Shipper
722	J. Maseriorini, Sears Point	Shipper
723	Malone, Oak Knoll	Shipper
727	A. Thomas, Millers	Shipper
737	Bianchi Bros., Goodyear	Shipper
749	California Creamery Co., Oakland	Shipper

NOVEMBER, 1910—

846	Mello, Boresford	Shipper
817	F. P. Roche, Mountain View	Shipper
850	LaBrucherie Bros., Perry	Shipper
890	J. Cardoza, San Rafael	Shipper
896	I. Sartori, Black Point	Shipper
908	Melone & Co., Oak Knoll	Shipper
854	M. F. Azevedo, Alto	Shipper
895	A. M. DeBarba, Gallinas	Shipper
900	M. M. Esperanza, Agnews	Shipper
907	J. Marseiomi, Sears Point	Shipper
915	G. Mason, Cordelia	Shipper
924	Bulhe & Co., Woolsey and University	Wagon
931	L. Anthenien, 19 Capp St.	Wagon
934	Silveria & Silveria, 1067 Folsom St.	Wagon
920	Torre Bros., 655 Green St.	Wagon
932	L. Kaslin, 511 Charter Oak Ave.	Wagon
941	J. Schudel, 4108 Twenty 4th St.	Wagon
952	Davis & Co., 1818 Howard St.	Wagon
954	Amador & Sons, 1416 Devisadero St.	Wagon
958	LaBrucherie & Co., 1274 Hampshire St.	Wagon
956	G. Hart, 1715 Eddy St.	Wagon
965	P. Magee, 30 Cortland Ave.	Wagon

STANDARD—Continued

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
40.0	3.3			.1			
38.8	3.3			.1			
40.7	3.3			.1			
41.5	3.3			.1			
40.5	3.3			.1			
40.4	3.3			.1			
41.0	3.3			.1			
40.8	3.3			.1			
40.7	3.3			.1			
38.2	3.2	11.4	8.2	.2		Water 10%	Arrested.
42.2	3.3			.1			
39.0	3.0	11.02	8.02	.4			Arrested.
42.3	3.2	11.70	8.50	.2			Arrested.
40.3	3.1	11.35	8.25	.3			Arrested.
41.0	3.3			.1			
40.6	3.3			.1			
41.3	3.3			.1			
40.2	3.3			.1			
41.7	3.3			.1			
41.5	3.3			.1			
43.0	3.3			.1			
41.2	3.1	11.65	8.55	.3			
42.8	3.2	12.40	9.20	.2			Arrested.
40.5	3.3	11.83	8.58	.1			
44.4	3.3			.1			
41.1	3.2	11.22	8.02	.2			
42.5	3.2	11.91	8.71	.2			Arrested.
43.4	3.0	12.02	9.62	.4			Arrested.
43.4	3.3			.1			Arrested.
42.5	3.3			.1			
41.7	3.3			.1			
42.3	3.3			.1			
40.3	3.3			.1			Arrested.
43.1	3.0	11.62	8.62	.4			Arrested.
40.4	2.9	10.99	8.09	.5			Arrested.
43.2	3.1	12.06	8.96	.3			
40.3	3.3			.1			
42.5	3.3			.1			
42.4	3.3			.1			Arrested.
41.4	3.1	11.85	8.75	.3		Water.....	Arrested.
40.1	3.2	11.59	8.39	.2		Water.....	Arrested.
40.2	3.2	11.67	8.47	.2	.03	Water.....	Arrested.
40.1	3.2	11.42	8.22	.2	.22	Water.....	Arrested.
40.0	3.1	11.02	7.92	.3		Water.....	Arrested.

MILK BELOW

Lab. No.	SAMPLES FROM	INSPECTOR
971	H. Lapachet, Six-Mile House	Wagon..... Lydon
955	Bulhe & Co., Woolsey and University	Wagon..... O'C. & L.
967	L. Kaelin, 1996 Charter Oak	Wagon..... Lydon & Murphy..
968	J. Schudel, 4108 Twenty-fifth St.	Wagon..... Lydon & Murphy..
974	Christen & Sons, 1427 Valencia St.	Wagon..... O'Connor
985	E. C. Leach, 40 College Ave	Wagon..... O'Connor
987	United Milk Co., 3201 Sixteenth St.	Wagon..... O'Connor
994	Torre Bros., 655 Green St.	Wagon..... Lydon
999	F. Mozzetti, 1144 Folsom St.	Wagon..... Murphy
1000	C. Foppiano, 1642 Stockton St.	Wagon..... Murphy
1001	Mozzetti & Beresini, 911 Fifteenth Ave	Wagon..... Murphy
1002	Mozzetti & Beresini, 911 Fifteenth Ave.....	Wagon..... Lydon
1010	Annixter & Sons, 1416 Devisadero St.....	Wagon..... Lydon
1021	L. Anthenien, 19 Capp St.	Wagon..... Lendrum
1023	B. Epp, 71 Twenty-eighth St.	Wagon..... Lendrum
980	H. Becum, 156 Prospect Ave	Wagon..... O'C. & W.
989	Good Bros., Alms House Road	Wagon..... O'C. & W.
1004	G. Pippy, 231 Franklin St.	Wagon..... Lydon & Murphy..
1005	Reemi & Pellascio, 130 Steiner St.	Wagon..... Lydon & Murphy..
1013	LaBrucherie Bros., 1274 Hampshire St.	Wagon..... Lydon & Murphy..
1057	Azore Dairy Co., Holt	Shipper..... L. M. O'C. & L..
1066	J. Ogier, San Jose	Shipper..... L. M. O'C. & L..
DECEMBER, 1910—		
1079	LaBrucherie & Co., 1274 Hampshire St.	Wagon..... O'Connor
1090	J. Quarles, 617 Ellsworth St	Wagon..... O'Connor
1115	B. Cassau, Wayland and Hamilton Sts	Wagon..... Lendrum
1116	B. Cassau, Wayland and Hamilton Sts	Wagon..... Lendrum
1122	B. Cassau, Wayland and Hamilton Sts	Wagon..... Lendrum
1101	United Milk Co., 3201 16th St	Wagon..... Lydon & Murphy..
1141	United Milk Co., 3201 16th St	Wagon..... Lendrum
1169	F. Mozzetti, 1144 Folsom St	Wagon..... Lyden
1174	Clavere & Mondott, 420 Somerset St	Wagon..... Murphy
1178	Basso Bros., 659 Francisco St	Wagon..... Lyden
1139	J. Brennan, 115 Hyland Ave	Wagon..... Lendrum
1153	Torre Bros., 655 Green St	Wagon..... O'Connor
1155	B. A. Russman, 112 San Jose Ave	Wagon..... O'Connor
1160	C. W. Thorrold, 3776 24th St	Wagon..... O'Connor
1161	M. Frucht, 234 Richland Ave	Wagon..... O'Connor
1166	United Milk Co., 3201 16th St	Wagon..... O'Connor
1177	United Milk Co., 3201 16th St	Wagon..... Lydon & Murphy..
1220	F. P. Roche, Mountain View	Shipper.....
1224	J. R. Kocher, Edenvale	Shipper.....
1225	J. R. Kocher, Edenvale	Shipper.....
1215	F. P. Roche, Mountain View	Shipper..... L. M. O'C. & L..
1235	J. Silva, San Carlos	Shipper..... L. M. O'C. & L..
1267	V. Baptista, Alexander	Shipper..... Murphy
1269	J. M. Souza, Vallejo	Shipper..... Lendrum
1279	R. Martinelli, Reclamation	Shipper..... O'Connor

STANDARD—Continued

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
36.5	3.0	10.21	7.21	.4	1.29	Water 20%	Arrested.
42.0	3.3			.1			.....
42.8	3.3			.1			.....
42.4	3.3			.1			Arrested.
41.0	3.0	11.19	8.19	.4			Arrested.
39.2	3.2	10.93	7.73	.2		Water.....	Arrested.
40.4	3.0	11.12	8.12	.4		Water.....	Arrested.
40.8	3.1	11.22	8.12	.3		Water.....	Arrested.
38.4	3.4	11.00	7.40			Water 12%	Arrested.
38.2	3.1	10.46	7.36	.3		Water 12%	Arrested.
39.3	3.0	10.66	7.66	.4		Water 10%	Arrested.
35.3	2.6	8.86	6.26	.8		Water 20%	Arrested.
40.0	3.0	10.63	7.63	.4		Water 10%	Arrested.
39.1	2.7	10.43	7.73	.7		Water.....	Arrested.
41.5	2.7	11.22	8.52	.7			.....
41.5	3.3			.1			.....
42.3	3.3			.1			.....
38.0	3.3			.1			.....
42.2	3.3			.1			.....
41.6	3.3			.1			.....
43.5	3.3			.1			.....
42.9	3.3			.1			.....
42.1	2.8	11.47	8.67	.6			Arrested.
39.0	2.8	10.50	7.70	.6			Arrested.
43.0	3.2	12.33	9.13	.2			Arrested.
43.8	3.0	12.29	9.29	.4			Arrested.
42.8	3.1	12.21	9.14	.3			Arrested.
42.4	3.3			.1			.....
40.7	3.2	11.53	8.33	.2		Water.....	Arrested.
38.0	3.8	11.17	7.37		1.13	Water 13%	Arrested.
38.7	2.8	10.33	7.53	.6	1.	Water 12%	Arrested.
39.1	3.5	11.14	7.64		.86	Water 10%	Arrested.
41.1	3.3			.1			.....
41.4	3.3			.1			.....
40.7	3.3			.1			.....
40.5	3.3			.1			.....
40.0	3.3			.1			.....
40.5	3.3			.1			.....
42.1	3.3			.1			.....
40.5	3.3	11.56	8.26	.1	.24		Arrested.
38.5	3.3	10.73	7.43	.1	1.07	Water 12%	Arrested.
40.0	3.4	10.63	7.23		1.27		Arrested.
41.9	3.3			.1			.....
43.4	3.3			.1			.....
40.2	3.1	11.05	7.95	.3	.55		Arrested.
40.4	3.2	11.45	8.25	.2	.25		Arrested.
43.3	3.2	11.75	8.55	.2			Arrested.

Lab. No	SAMPLES FROM		INSPECTOR
1298	M. Freitas, San Rafael	Shipper	Murphy
1316	J. Masciorini, Sears Point	Shipper	Lydon
1258	M. P. Avila, Burdell	Shipper	L. M. O'C. & L.
1291	M. Freitas, Callinas	Shipper	L. M. O'C. & L.
1309	F. Leon, Cordelia	Shipper	L. M. O'C. & L.
JANUARY, 1911—			
1324	F. P. Roche, Mt. View	Shipper	Lydon
1330	Silva & Roche, Beresford	Shipper	Lendrum
1347	Saloman Bros., 1307 Broderick St.	Shipper	O'Connor
1322	D. O. Mills, Millbrae	Shipper	L. M. O'C. & L.
1345	J. Maderos, Menlo	Shipper	L. M. O'C. & L.
1346	J. Maderos, Menlo	Shipper	L. M. O'C. & L.
1349	Ohlsen-Rudiger, Laguna and Grove Sts.	Store	Lendrum
1351	W. Preugschat, 600 Fillmore St.	Restaurant	Lendrum
1353	A. J. Cruse, 359 Pierce St.	Restaurant	Lendrum
1355	C. Johnson, 2923 22nd St.	Store	O'Connor
1357	H. Hoffman, 2680 22nd St.	Store	O'Connor
1358	J. Kennell, 912 York St.	Store	O'Connor
1360	Baumann Bros., 2799 Bryant St.	Store	O'Connor
1361	J. Straessler, 2929 24th St.	Store	O'Connor
1362	J. Baumann, 2958 24th St.	Store	O'Connor
1364	F. Strump, 1405 Valencia St.	Store	O'Connor
1367	J. Declerck, 2233 Market St.	Store	O'Connor
1389	Pacheco, Vallejo	Shipper	Murphy
1428	J. Masciorini, Sears Point	Shipper	Lydon
1370	M. F. Azevedo, Alto	Shipper	L. M. O'C. & L.
1372	F. Silva, Manzanita	Shipper	L. M. O'C. & L.
1392	J. M. Azevedo, Alto	Shipper	L. M. O'C. & L.
1404	R. Ingleson, Agnews	Shipper	L. M. O'C. & L.
1409	M. S. Soares, Ignacio	Shipper	L. M. O'C. & L.
1441	I. Sartori, Black Point	Shipper	L. M. O'C. & L.
1418	M. Fagundes, San Rafael	Shipper	L. M. O'C. & L.
1443	Mrs. A. Svec, 2906 Mission St.	Store	Lendrum
1447	E. Marzolf, 29th and San Jose Ave.	Store	O'Connor
1451	L. T. Carey, 298 30th St.	Store	Lendrum
1448	C. Bayly, 1603 Dolores St.	Store	O'C. & Lend
1473	O. E. M., Point Reyes	Shipper	L. M. O'C. & L.
1551	Peverine, Coyote	Shipper	O'Connor
1554	R. Ingleson, San Jose	Shipper	Lendrum
1553	M. I. Nunez, Beresford	Shipper	L. M. O'C. & L.
1567	E. Luggen & Co., 51 Sharon St.	Wagon	Murphy
1568	J. Ordogutardly, 654 Fulton St.	Wagon	Lydon
1570	Basso Bros., 659 Francisco, St. C.	Wagon	Lydon
1580	F. Mozzetti, 1144 Folsom St.	Wagon	Murphy
1590	LaBrucherie & Co., 1274 Hampshire St.	Wagon	O'Connor
1593	J. Brenna, 115 Highland Ave.	Wagon	O'Connor
1569	Basso Bros., 659 Francisco St.	Wagon	Lydon & Murphy
1596	Loustalet & LaBrucherie, 1015 Valencia St.	Wagon	O'C. & Welsh
1597	United Milk Co., 16th and Guerrero Sts.	Wagon	O'C. & Welsh

STANDARD—Continued

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
40.3	3.2	11.98	8.78	.2		.....	Arrested.
43.0	3.1	11.69	8.59	.3		.....	Arrested.
42.2	3.3			.1		.....	.....
42.8	3.3			.1		.....	.....
41.6	3.3			.1		.....	.....
39.0	3.1	10.73	7.63	.3	.84	Water 10%	Arrested.
43.7	2.6	12.06	9.26	.8		.....	Arrested.
38.6	3.1	10.70	7.00	.2	.9	Water 12%	Arrested.
43.1	3.3			.1		.....	.....
41.4	3.3			.1		.....	.....
41.6	3.3			.1		.....	.....
42.6	2.9	11.89	8.99	.5		.....	Arrested.
43.7	2.0	11.24	9.24	1.4		.....	Arrested.
40.0	3.0	11.36	8.36	.4	.14	.....	Arrested.
38.6	3.0	10.86	7.86	.4	.64	Water 12%	Arrested.
41.5	3.0	11.49	8.89	.4	.01	.....	Arrested.
43.4	3.0	12.09	9.09	.4		.....	Arrested.
40.4	3.0	11.18	8.18	.4	.32	.....	Arrested.
42.5	3.0	11.92	8.92	.4		.....	Arrested.
42.0	3.2	11.86	8.66	.2		.....	Arrested.
41.4	3.2	11.79	8.59	.2		.....	Arrested.
41.4	2.6	11.23	8.63	.8		.....	Arrested.
42.1	3.2	11.73	8.53	.2		.....	Arrested.
42.4	3.1	11.75	8.65	.3		.....	Arrested.
43.7	3.3			.1		.....	.....
43.8	3.3			.1		.....	.....
43.0	3.3			.1		.....	.....
42.0	3.3			.1		.....	.....
43.2	3.3			.1		.....	.....
43.7	3.3			.1		.....	.....
43.7	3.3			.1		.....	.....
42.4	2.9	11.71	8.81	.5		.....	Arrested.
42.4	2.5	11.07	8.57	.9		.....	Arrested.
42.9	3.1	11.90	8.80	.3		.....	Arrested.
43.0	3.3			.1		.....	.....
43.9	3.3			.1		.....	.....
44.4	3.1	12.13	9.03	.3		.....	Arrested.
40.7	2.5	10.9	8.4	.9		.....	Arrested.
42.1	3.3			.1		.....	.....
40.4	3.2	11.25	8.05	.2		.....	Arrested.
40.3	3.2	11.18	7.89	.2		.....	Arrested.
42.2	3.1	11.56	8.47	.3		.....	Arrested.
41.3	3.0	11.09	8.09	.4		.....	Arrested.
42.3	3.1	11.70	8.60	.3		.....	Arrested.
41.1	3.1	11.42	8.32	.3		.....	Arrested.
42.2	3.3			.1		.....	.....
40.9	3.3			.1		.....	.....
42.2	3.3			.1		.....	.....

Lab. No.	SAMPLES FROM		INSPECTOR
FEBRUARY, 1911—			
1618	Jos. Loustalot, 654 Fulton St.	Wagon	Lydon & Welsh
1629	G. Hirt, 1715 Eddy St.	Wagon	Lydon & Welsh
1633	J. Lee, 231 Franklin St.	Wagon	Lydon & Murphy
1635	L. Bacher, 1220 Vermont St.	Wagon	Lydon & Murphy
1636	F. Seamas, 1553 Turk St.	Wagon	Lydon & Murphy
1637	P. Loustalot, 654 Fulton St.	Wagon	Lydon & Murphy
1642	J. Dravilas, 1429 Haight St.	Restaurant	Lendrum
1647	Sunset Creamery, 1702 Waller St.	Depot	Lendrum
1650	H. Masters, 1236 9th Ave. So.	Store	Lendrum
1655	C. Tambakis, 741 H St. So.	Restaurant	Lendrum
1656	B. Epp, 71 Twenty-eighth St.	Wagon	Lendrum
1662	M. Frucht, 234 Richmond Ave.	Wagon	O'Connor
1643	Sterior Bros., 1505 Haight St.	Restaurant	Lend. & Welsh
1653	Fletcher & Green, Willow Dals Cry., 1320 9th Ave.	Depot	Lend. & Welsh
1654	Fletcher & Green, Willow Dals Cry., 1320 9th Ave.	Depot	Lend. & Welsh
1657	Pellaseo & Co., 130 Steiner St.	Depot	Lend. & Welsh
1664	M. Lunt, First and Point Lobos Aves.	Wagon	Dockery & O'C
1679	Annixter & Sons, 1418 Devisadero St.	Wagon	Lendrum
1691	H. Lapachot, Visitation Valley	Wagon	O'Connor
1699	United Milk Co., 3201 Sixteenth St.	Wagon	O'Connor
1706	L. Anthenien, 19 Capp St.	Wagon	O'Connor
1675	E. Luggen, 51 Sharon St.	Wagon	Dockery & Lend.
1692	Buchli & Co., Woolsey and University Aves.	Wagon	O'C. & Welsh
1695	Christen & Sons, 1427 Valencia St.	Wagon	O'C. & Welsh
1708	E. Luggen & Co., 51 Sharon St.	Wagon	Lydon & Murphy
1719	United Milk Co., 3201 Sixteenth St.	Wagon	Lydon & Murphy
1752	J. Silva, Vallejo		L. M. O'C. & M
1852	F. Pacheco, Mt. View	Shipped	Lydon
1853	F. Pacheco, Mt. View	Shipped	Murphy

MARCH, 1911—

1891	Soares Bros., 1651 Haight St.	Shipped	O'Connor
1899	E. Tuggen, 51 Sharon St.	Shipped	L. M. O'C. & L.
1905	Fuller Bros., 2043 Fifteenth St.	Shipped	Lendrum
2018	B. Davis Co., 1818 Howard St.	Wagon	Lydon & M
2023	Geo. Pippy, 231 Franklin St.	Wagon	Murphy
2034	Baranto, Turk and Devisadero Sts.	Wagon	Lendrum
2038	Louborgot	Wagon	Lendrum
2073	J. Elliot, Hayes and Webster Sts.	Wagon	Lydon
2149	Kelly & Day, 1919 Bush St.	Shipped	L. M. O'C. & M
2150	Geo. Pippy, 241 Franklin St.	Shipped	L. M. O'C. & M
2179	Malatesta & Co., 1642 Stockton St.	Shipped	L. M. O'C. & M
2183	Soares Bros., 1651 Haight St.	Shipped	L. M. O'C. & M
2185	Garlock Dairy Co., 1015 Valencia St.	Shipped	L. M. O'C. & M
2191	Garlock Dairy Co., 1015 Valencia St.	Shipped	L. M. O'C. & M
2193	Russell Cream Co., 1500 Polk St.	Shipped	L. M. O'C. & M
2194	Russell Cream Co., 1500 Polk St.	Shipped	L. M. O'C. & M

STANDARD—Continued

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
39.5	3.3	11.13	7.83	.1			
42.1	3.3			.1			
44.1	3.3	12.98	9.68	.1			
42.3	3.3			.1			
43.0	3.1	12.08	8.98	.3			Arrested.
40.5	3.3			.1			
40.8	2.0	10.46	8.46	1.3	.04		Arrested.
42.3	3.0	11.81	8.81	.3			
42.4	2.9	11.69	9.79	.5			Arrested.
44.1	1.6	10.95	9.35	1.8			Arrested.
40.3	3.0	11.21	8.21	.3	.29		
36.6	3.3	10.51	7.21	.1	1.29	Water 18%	Arrested.
41.7	3.3			.1			Arrested.
41.0	3.3			.1			
41.4	3.3			.1			
40.4	3.3			.1			
42.0	3.3			.1			
41.8	1.0	9.74	8.74	2.4			Marked Skim'd milk.
28.9	1.9	6.05	4.15	1.5	4.35	Wtr. 40.8%	Arrested.
39.6	3.2	11.16	7.96	.2	.54	Water.....	Arrested.
42.2	3.1	11.64	8.54	.3			Arrested.
41.1	3.3			.1			
41.2	3.3			.1			
42.6	3.3			.1			
41.2	3.3						
41.5	3.3			.1			
41.3	3.3			.1			
40.9	3.1	11.43	8.33	.3	.15		Arrested.
40.9	3.1	11.43	8.35	.3	.15		Arrested.
42.0	3.2	11.85	8.65	0.2			Arrested.
42.6	3.3			0.1			
39.6	3.2	11.02	7.82	0.2	0.68		Arrested.
41.4	3.0	11.41	8.41	0.4			Arrested.
41.0	3.0	11.42	8.42	0.4			Arrested.
39.7	3.1	11.05	7.55	0.3			Arrested.
41.7	3.2	11.79	8.59	0.2			Arrested.
42.3	3.2	11.94	8.74	0.2			Arrested.
41.2	3.3			0.1			
41.4	2.3			0.1			
41.7	2.1	11.23	9.13	1.3			Arrested.
41.1	3.3			0.1			
39.0	3.0	10.99	7.99	0.4			Arrested.
39.5	3.3	11.42	8.12	0.1			
41.6	3.3			0.1			
42.0	2.7	11.99	9.29	0.7			Arrested.

Lab No.	SAMPLES FROM		INSPECTOR
APRIL, 1911—			
2487	Loustalot & Co., 1556 Utah Street ...	Wagon	O'C. & W
2494	J. Mulvihill, 242 Chatahooga Street	Wagon	O'C. & W
2505	Silveria & Silva, 1662 Folsom Street	Wagon...	O'C. & W
2510	Loustalot & Co., 1556 Utah Street	Wagon...	O'C. & W
2517	Central Milk Co., 21st and Folsom Streets	Wagon	O'C. & W
2526	Vidovich-Veln, 80 Eddy Street	Restaurant	Murphy
2530	Techau Tavern, 15 Powell Street	Restaurant	Lydon
2531	Techau Tavern, 15 Powell Street	Restaurant	Lydon
2542	J. Widich, 187 Fifth Street	Restaurant	Lydon & Murphy
2544	J. Christensen, 87 Eddy Street	Restaurant	Lydon
2546	P. Castriusios, 248 Mason Street	Restaurant	Lydon
2547	J. Jaro, 320 Mason Street	Restaurant	Lydon & Murphy
2548	C. Sarantides, 156 Eddy Street...	Restaurant	Lydon & Murphy
2550	J. Corist, 116 Taylor Street	Restaurant	Lydon
2551	R. A. Adolphos, 55 Taylor Street.....	Restaurant	Murphy
2552	Jos. Hoffman, 9 Taylor Street	Restaurant	Murphy
2553	Breuss Cafe, 8 Turk Street	Restaurant	Lydon
2555	Soreih & Christich, 65 Turk Street	Restaurant	Lydon & Murphy
2556	Zuckerman & Fridlinger, 89 Turk Street	Restaurant	Murphy
2601	F. Mozetti, Benicia	Shipper ..	L. M. O'C. & L
2607	J. M. Silva, Stockton	Shipper ..	Lendrum
2614	J. S. Bernardo, Mt. View	Shipper ..	Murphy
2654	P. Labruecherrie, Santa Clara	Shipper ..	Lendrum
2658	I. Pacheco, Mt. View	Shipper ..	L. M. O'C. & L
2669	Labruecherrie Bros., Perry	Shipper ..	O'Connor
2687	J. M. Silva, Stockton	Shipper ..	L. M. O'C. & L
2676	Lopez, Mt. View	Shipper ..	L. M. O'C. & L
2691	H. Diniz, Novato	Shipper ..	Lendrum
2696	A. Azevedo & Co., Novato	Shipper ..	L. M. O'C. & L
2699	J. Azevedo, Alexandra	Shipper ..	Murphy
2700	Minnis, Vallejo	Shipper ..	Lydon
2702	J. M. Sanza, Vallejo	Shipper ..	L. M. O'C. & L
2703	M. S. Lewis & Co., Manzanita	Shipper ..	L. M. O'C. & L
2704	J. Verissimo, Novato	Shipper ..	L. M. O'C. & L
2712	Pacheco, Vallejo	Shipper ..	Murphy
2713	J. A. Borges, Ignacio	Shipper ..	O'Connor
2724	J. Cardoza, San Rafael	Shipper ..	L. M. O'C. & L
2726	Melrose, Oak Knoll	Shipper ..	L. M. O'C. & L
2728	Parsons, Haywards	Shipper ..	Lydon
2737	M. S. Soares, Ignacio	Shipper ..	Lendrum
2741	Mathos, Cardelia	Shipper ..	O'Connor
2745	F. Mozetti, Benicia	Shipper ..	Lendrum
2746	Bianchi Bros., Goodyear	Shipper ..	L. M. O'C. & L

MAY 1911—

2780	I. Maderua, Menlo	Shipper	Lydon & Welch
2787	I. Maderua, Menlo	Shipper	L. M. O'C. & L

STANDARD—Continued

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
39.8	3.3	11.42	8.12	0.1			
42.7	3.2	12.39	9.19	0.2			Arrested.
42.4	3.1	11.88	8.78	0.3			Arrested.
42.3	2.9	11.70	8.80	0.5			Arrested.
40.5	3.3			0.1			
41.7	3.1	11.84	8.74	0.3			Arrested.
41.4	3.1	11.82	8.72	0.3			Arrested.
42.1	2.2	11.08	8.88	1.2			Arrested.
40.5	3.3			0.1			
41.6	3.2	11.77	8.77	0.2			Arrested.
41.6	3.0	11.77	8.77	0.4			
42.1	3.3			0.1			
40.7	3.3			0.1			
41.5	3.0	11.82	8.82	0.4			Arrested.
42.2	1.7	10.42	8.72	1.7			Arrested.
42.9	3.1	12.20	9.10	0.3			Arrested.
35.2	2.6	9.29	6.69	0.8	2.81	Water 22%	Arrested.
41.6	3.3			0.1			
42.4	2.7	11.69	8.99	0.7			Arrested.
43.1	3.3			0.1			
43.8	2.9	12.03	9.04	0.5			Arrested.
43.3	3.2	12.02	8.86	0.2			Arrested.
42.3	3.2	11.86	8.66	0.2			Arrested.
40.2	3.3			0.1			
43.1	3.2	12.06	8.86	0.2			Arrested.
42.0	3.3			0.1			
43.8	3.3			0.1			
42.8	3.1	12.12	9.02	0.3			Arrested.
42.1	3.3			0.1			
44.2	3.1	12.52	9.42	0.3			Arrested.
41.5	2.8	11.38	8.58	0.6			Arrested.
42.1	3.3			0.1			
42.5	3.3			0.1			
42.4	3.3			0.1			
42.4	2.7	11.48	8.73	0.7			Arrested.
42.7	3.1	12.53	9.43	0.3			Arrested.
42.5	3.3			0.1			
43.1	3.3			0.1			
39.2	3.0	10.91	7.91	0.4	.59	Water 10%	Arrested.
42.8	3.1	12.00	8.90	0.3			Arrested.
42.7	3.0	12.00	9.00	0.4			Arrested.
43.7	1.7	11.03	9.33	1.7			Arrested.
42.1	3.3			0.1			
40.5	3.1	11.56	8.46	0.3	0.04		Arrested.
40.5	3.3			0.1			

MILK BELOW

Lab. No.	SAMPLES FROM	INSPECTOR
2770	A. S. Barron, Beresford	Shipper L. M. O'C. & L.
2771	A. S. Barron, Beresford	Shipper L. M. O'C. & L.
2775	F. R. Machado, Mt. View	Shipper L. M. O'C. & L.
2781	M. Nunez, Mayfield	Shipper L. M. O'C. & L.
2782	A. M. Barros, Lawrence	Shipper O'Connor
2785	J. L. Silveria, Lawrence	Shipper L. M. O'C. & L.
2790	F. Pacheco, Mt. View	Shipper L. M. O'C. & L.
2793	J. M. Brown, Mt. View	Shipper L. M. O'C. & L.
2795	Sneath, San Bruno	Shipper Lydon
2808	M. A. Machado, Beresford	Shipper L. M. O'C. & L.
2809	M. A. Machado, Beresford	Shipper L. M. O'C. & L.
2820	A. Rosa & Co., 20 Oak Grove Ave.	Wagon O'C. & W.
2822	Silveria & Silveria, 1667 Folsom	Wagon O'Connor
2824	A. Rosa & Co., 20 Oak Grove Ave.	Wagon O'Connor
2841	Del Monte Dairy, Kelley & Day, 1919 Bush	Wagon Lendrum
2856	B. F. Mozzetti, 1144 Folsom Street	Wagon L. & M.
2876	Spring Gate Ranch, Manzanita	Shipper Murphy
2880	Spring Gate Ranch, Manzanita	Shipper Murphy
2917	J. M. Silva, Stockton	Shipper Lydon
2935	F. P. Roche, Mt. View	Shipper L. M. O'C. & L.
2962	Machado, Beresford	Shipper Murphy
2967	J. K. Kocher, Edenvale	Shipper O'Connor
2968	J. K. Kocher, Edenvale	Shipper O'Connor
2975	Labrucheria, Perry	Shipper Lendrum
2989	Lopez, Mt. View	Shipper L. M. O'C. & L.
2995	V. Sartori, Bonita	Shipper L. M. O'C. & L.
2999	J. Ogier, San Jose	Shipper L. M. O'C. & L.
3000	P. Silva, Vallejo	Shipper L. M. O'C. & L.
3001	Mini, Vallejo	Shipper L. M. O'C. & L.
3002	Azevedo, Alexandra	Shipper L. M. O'C. & L.
3003	Pacheco, Vallejo	Shipper L. M. O'C. & L.
3004	Zwissig & Brown, Aredon	Shipper L. M. O'C. & L.
3015	C. Parsons, Haywards	Shipper L. M. O'C. & L.
3019	M. P. Anila, Burdell	Shipper L. M. O'C. & L.
3021	J. Sartori, Black Point	Shipper L. M. O'C. & L.
3024	J. M. Azevedo, Alto	Shipper L. M. O'C. & L.
3028	M. Rogers, Manzanita	Shipper L. M. O'C. & L.
3042	Melome, Oak Knoll	Shipper L. M. O'C. & L.
3042	M. G. Lewis & Co.	Shipper L. M. O'C. & L.
3055	Bianchi Bros., Goodyear	Shipper L. M. O'C. & L.
3057	M. Serofani, Benicia	Shipper L. M. O'C. & L.
3058	C. Mason, Cordelia	Shipper L. M. O'C. & L.
3063	J. Maderos, Menlo	Shipper L. M. O'C. & L.
3064	J. Maderos, Menlo	Shipper L. M. O'C. & L.
3080	F. Machado, Mt. View	Shipper L. M. O'C. & L.
3102	Menez, Beresford	Shipper L. M. O'C. & L.
3113	L. Pacheco, Mt. View	Shipper O'Connor
3104	L. Pacheco, Mt. View	Shipper Lendrum
3108	J. M. Brown, Mt. View	Shipper L. M. O'C. & L.

STANDARD—Continued

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
42.1	3.3			0.1		.....	.....
41.7	3.3			0.1		.....	.....
42.3	3.3			0.1		.....	.....
43.4	3.3			0.1		.....	.....
40.7	3.2			0.2		.....	Arrested.
42.1	3.3			0.1		.....	.....
41.2	3.3			0.1		.....	.....
43.2	3.3			0.1		.....	.....
41.9	3.2	11.78	8.58	0.2		.....	Arrested.
42.5	3.3			0.1		.....	.....
42.6	3.3			0.1		.....	.....
40.4	3.3			0.1		.....	.....
42.4	3.2	12.07	8.87	0.2		.....	Arrested.
41.1	3.2	11.65	8.45	0.2	0.05	.....	Arrested.
37.4	2.9	10.33	7.43	0.5	1.07	Water 15%	Arrested.
42.6	3.3			0.1		.....	.....
36.1	3.4	11.51	7.11		1.40	Water 19%	Arrested.
34.0	3.3	9.65	6.35	0.1	2.15	Water 25%	Arrested.
43.9	3.0	12.13	9.13	0.4		.....	Arrested.
43.0	3.3			0.1		.....	.....
44.0	3.3	12.61	9.41	0.2		.....	Arrested.
39.3	3.5	11.20	7.70	0.8		Water 10%	Arrested.
38.4	3.4	10.89	7.49	1.01		Water 12%	Arrested.
43.5	2.9	11.90	9.00	0.5		.....	Arrested.
42.0	3.3			0.1		.....	.....
41.0	3.1	11.85	8.76	0.3		.....	Arrested.
42.6	3.3			0.1		.....	.....
42.3	3.0	11.75	8.75	0.4		.....	Arrested.
41.6	3.1	11.76	8.66	0.3		.....	Arrested.
43.3	3.0	12.41	9.14	0.4		.....	Arrested.
43.0	3.3			0.1		.....	.....
41.4	3.3			0.1		.....	.....
42.6	3.1	11.73	8.63	0.3		.....	Arrested.
41.1	2.7	11.30	8.60	0.7		.....	Arrested.
41.6	3.3			0.1		.....	.....
42.4	3.3			0.1		.....	.....
40.6	3.3			0.1		.....	.....
42.2	3.3			0.1		.....	.....
43.3	3.3			0.1		.....	.....
41.3	3.3			0.1		.....	.....
41.4	3.3			0.1		.....	.....
41.0	3.0	11.64	8.64	0.4		.....	Arrested.
42.5	3.3			0.1		.....	.....
42.5	3.3			0.1		.....	.....
44.4	3.3			0.1		.....	.....
42.2	3.2	11.58	8.58	0.2		.....	Arrested.
43.0	3.1	11.49	8.39	0.3		.....	Arrested.
42.2	3.2	11.80	8.60	0.2		.....	Arrested.
43.5	3.3			0.1		.....	.....

MILK BELOW

Lab. No.	SAMPLES FROM	INSPECTOR
3109	G. Sneath, San Bruno	Shipper
3110	G. Sneath, San Bruno	Shipper
3113	E. Chilari, Lawrence	Shipper
3127	J. Branan, 42 Randall Street	Wagon
3131	J. Mulvihill, 242 Chattanooga	Wagon
3133	B. Davis, 1818 Howard Street	Wagon
3134	E. C. Leach, 40 College Ave	Wagon
3138	Silveria & Silveria, 1667 Folsom Street	Wagon
3142	C. Ballhouse, 816 Naples	Wagon
3145	C. Evans, 136 Hartford Street	Wagon
3150	J. Mulvihill, 242 Chattanooga	Wagon
3151	J. A. Christin & Son, 1425 Valencia	Wagon
3152	Fuller Bros., 2015 Fifth	Wagon
3153	P. Loustalot, 654 Fulton Street	Wagon
3158	A. Farrer, 1975 Fifteenth Street	Wagon

JUNE, 1911—

3401	E. S., Santa Clara	Shipper
3405	Pacheco, Vallejo	Shipper
3406	L. Zwissig, Arden	Shipper
3407	Azevedo, Vallejo	Shipper
3408	A. Mattos, Vallejo	Shipper
3409	J. Fernando, Vallejo	Shipper
3410	M. Fagunda, San Rafael	Shipper
3411	J. C. Brazil, Hilarita	Shipper
3413	R. Ghisletta, Greenwood	Shipper
3415	E. M. Silva, Vallejo	Shipper
3419	Mini, Vallejo	Shipper
3424	J. C. Cardoza, San Rafael	Shipper
3424	M. S. Brazil, Vallejo	Shipper
3428	J. Sarttori, Blk. Point	Shipper
3434	J. S. Brazil, Ignacio	Shipper
3437	J. S. Brazil, Ignacio	Shipper
3438	Azevedo, Alto	Shipper
3440	McLellan & Guthrie	Shipper
3450	J. M. Bello, Alto	Shipper
3455	Melone, Oak Knoll	Shipper
3460	F. Mozetti, Benicia	Shipper
3490	M. Dickenhach, Sacramento	Shipper
3495	V. Sartori, Bonita	Shipper
3465	F. Machado, Palo Alto	Shipper
3466	F. Machado, Palo Alto	Shipper
3476	J. Maderes, Menlo Park	Shipper
3471	J. Maderes, Menlo Park	Shipper
3472	L. Pacheco, Mt. View	Shipper
3478	J. Bernardo, Mt. View	Shipper
3481	F. R. Machado, Mt. View	Shipper
3487	M. V. Amaral, Palo Alto	Shipper
3497	A. M. Harro, Lawrence	Shipper

STANDARD—Continued

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
43.5	3.3			0.1			
43.5	3.3			0.1			
43.7	2.9	11.95	9.05	0.5			Arrested.
41.0	3.3			0.1			
42.7	3.3			0.1			
39.1	4.5	12.17	7.67		0.83	10% Water	Arrested.
37.0	3.3	10.40	7.10	0.1	1.40	16% Water	Arrested.
42.6	3.2	11.92	8.72	0.2			Arrested.
43.7	3.1	12.02	8.92	0.3			Arrested.
41.2	3.3			0.1			
42.5	2.5	11.16	8.66	0.9			Arrested.
43.1	3.3			0.1			
44.3	3.3			0.1			
41.2	3.3			0.1			
43.5	3.3			0.1			
43.2	3.3			0.1			
42.7	2.9	11.72	8.82	0.5			Arrested.
42.3	3.1	11.77	8.87	0.3			Arrested.
41.3	2.8	11.31	8.51	0.6			Arrested.
43.5	3.3			0.1			
42.5	3.3			0.1			
42.5	3.3			0.1			
42.2	3.3			0.1			
42.5	3.3			0.1			
41.3	2.9	11.41	8.51	0.5			Arrested.
40.1	2.9	11.09	8.10	0.5			Arrested.
40.6	2.7			0.7			Arrested.
42.3	3.3			0.1			
40.9	3.3			0.1			
43.0	3.3			0.1			
42.7	3.2			0.2			Arrested.
40.6	3.1	11.44	8.34	0.3			Arrested.
42.6	3.3			0.1			
42.5	3.3			0.1			
43.2	3.0	12.06	9.06	0.3			Arrested.
40.3	2.5	10.81	8.31	0.9			Arrested.
43.3	3.3			0.1			
42.3	3.3			0.1			
42.8	3.3			0.1			
42.8	3.3			0.1			
42.5	3.1	12.03	8.93	0.3			Arrested.
41.6	3.3			0.1			
41.6	3.3			0.1			
41.8	3.3			0.1			
44.1	3.3			0.1			
43.3	3.0	12.06	9.06	0.4			Arrested.
41.8	3.3			0.1			

MILK BELOW

Lab. No.	SAMPLES FROM	INSPECTOR
3500	M. Nune, Mayfield Shipper	Lydon
3501	M. Nune, Mayfield Shipper	L. M. O'C. & L.
3504	Sneath, San Bruno Shipper	Murphy
3505	Sneath, San Bruno Shipper	Murphy
3508	E., Santa Clara Shipper	O'Connor
3510	E. Guilari, Lawrence Shipper	L. M. O'C. & L.
3514	Lopez, Mt. View Shipper	Lendrum
3515	Lopez, Mt. View Shipper	L. M. O'C. & L.
3526	A. McSweeney, 864 Shotwell St.	Murphy
3527	Witt Bros., Colma	Murphy
3528	C. Ballhouse, 816 Naples St.	L. & M.
3535	J. Mondott, 420 Somerset St.	L. & M.
3537	Fuller Bros., 2043 Fifteenth St.	L. & M.
3538	J. Mulvihull, 242 Chattanooga St.	Lydon
3539	A. Rosa & Co., 20 Oak Grove St.	Lydon
3534	N. S. Nelson, 143 Noe St.	L. & M.
3557	J. Mulvihull, 242 Chattanooga St.	O'Connor
3561	C. W. Thorrold, 3776 Twenty-fourth St.	Lendrum

STANDARD—Continued

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
42.9	3.2	11.91	8.71	0.2		.....	Arrested.
42.9	2.9	11.73	8.83	0.5		.....	Arrested.
43.0	3.3			0.1		.....	.....
43.0	3.1	11.74	8.64	0.3		.....	Arrested.
43.7	3.1	12.11	9.01	0.3		.....	Arrested.
43.3	3.3			0.1		.....	.....
41.2	3.1	11.70	8.60	0.3		.....	Arrested.
41.2	3.3			0.1		.....	.....
39.8	2.8	11.08	8.28	0.6		.....	Arrested.
39.2	3.0	11.38	8.38	0.4		.....	Arrested.
40.6	3.3			0.1		.....	.....
40.4	3.3			0.1		.....	.....
40.4	3.3			0.1		.....	.....
40.5	2.8	11.27	8.47	0.6		.....	Arrested.
39.6	3.2	11.37	8.17	0.2		.....	Arrested.
41.6	3.5			0.1		.....	.....
40.4	2.9	11.29	8.39	0.5		.....	Arrested.
39.6	3.1	11.31	8.20	0.3		.....	Arrested.

TABLE

RECORD OF ARRESTS

JULY, 1910—

Arrested	NAME	VIOLATION	COMPLAINANT
June 22	Edward Green	Ord. 660	Lydon
June 22	Edward Green	Ord. 660	Lydon
June 25	Jacob Liepsie	Ord. 229	Lydon
June 27	John Lee	Ord. 660	Lydon
June 29	Steve Mozetti	Ord. 660	Murphy

ARRESTED DURING

July 1	Edward LaFranchi	Ord. 229	Murphy
July 2	L. Anthenien	Ord. 660	Lydon
July 7	Louis Camenzind	Ord. 229	O'Connor
July 7	Bert Davis	Ord. 660	Lydon
July 7	John Lee	Ord. 660	Lydon
July 15	Mannuel Vitorno	Ord. 229	Murphy
July 18	Peter Cauba	Ord. 660	Murphy

III

PENDING AT LAST REPORT.

JUDGE	DISPOSITION	
	CONTINUANCES	FINAL ACTION.
Deasy	Continued to August 1.	.....
Weller	Continued to August 15.	.....
Weller	Continued to August 2.	.....
Conlan		Dismissed July 8.
Weller		Found guilty and fined \$25 July 11.

THE MONTH.

Deasy	Found guilty and fined \$25 July 7.
Conlan	Found guilty and fined \$10 July 8.
Deasy	Found guilty and fined \$10.
Conlan	Found guilty and fined \$10 July 8.
Conlan	Case dismissed July 8.
Deasy	Found guilty and fined \$25 July 28.
Conlan	Case dismissed July 28.

SUMMARY.

Pending at Last Report	5
Arrested during month of July	7
Total	12
Convicted	6
Dismissed	3
Pending—July Arrests, 0; previous months 3.....	3
Proof Total	12
Fines Imposed—July cases	\$ 80.00
Pending cases	25.00
Total	\$105.00

RECORD OF ARRESTS

AUGUST, 1910—			
Arrested	NAME	VIOLATION	COMPLAINANT
June 22	Edward Green	Ord. 660	Lydon
June 22	Edward Green	Ord. 660	Lydon
June 25	Jacob Leipsie	Ord. 229	Lydon
ARRESTED DURING			
Aug. 2	Abel Costa	Ord. 660	Lydon
Aug. 2	John Clavere	Ord. 660	Murphy
Aug. 3	John Finnegan	Ord. 660	Murphy
Aug. 3	Justin Medeiros	Ord. 229	Murphy
Aug. 10	Mamie Hymen	Ord. 660	Murphy
Aug. 12	John Ogier	Ord. 229	O'Connor
Aug. 13	John Domingos	Ord. 229	Murphy
Aug. 13	Manuel Soares	Ord. 229	Lendrum
Aug. 13	Manuel Soares	Ord. 229	Lydon
Aug. 13	Manuel Fagundes	Ord. 229	O'Connor
Aug. 13	Manuel Fagundes	Ord. 229	Lendrum
Aug. 13	Jos. I. Brazil	Ord. 229	Murphy
Aug. 13	J. N. Bella	Ord. 229	Lydon
Aug. 15	Andrew A. Machado	Ord. 229	O'Connor
Aug. 15	John Silva	Ord. 229	Murphy
Aug. 15	Geo. S. Cardoza	Ord. 229	Lendrum
Aug. 17	Frank R. Machado	Ord. 229	Lendrum
Aug. 18	Frank R. Machado	Ord. 229	Lydon
Aug. 23	Antone Basso	Ord. 660	Lydon
Aug. 24	Rocco Ghisletta	Ord. 229	Lydon
Aug. 25	J. H. Charlton	Ord. 660	Lydon
Aug. 26	Frank A. Machado	Ord. 229	Lendrum
Aug. 26	Jos. Silva	Ord. 229	Lendrum
Aug. 26	Robert Kirschner	Ord. 660	Lydon
Aug. 29	Manuel Esperanza	Ord. 229	Lydon
Aug. 29	Edward Azevedo	Ord. 229	Lydon
Aug. 31	Edward Greene	Ord. 660	Lendrum
Aug. 31	Risto Gerunovich	Ord. 660	Lendrum
Aug. 31	Levi Owens	Ord. 660	Lydon
Aug. 31	Peter Ellis	Ord. 660	Lydon
Aug. 31	A. Papageorge	Ord. 660	Lendrum
Aug. 31	James Nichols	Ord. 660	Lydon
Aug. 31	Henry Spyns	Ord. 660	Lydon

ORDINANCE NUMBERS DEFINED.

229—Regulating construction and maintenance of dairies

660—Regulating disposal of milk.

PENDING AT LAST REPORT.

JUDGE	DISPOSITION	
	CONTINUANCES	FINAL ACTION.
Deasy		Case dismissed Aug. 20.
Weller		Found guilty and fined \$15 Aug. 20.
Weller		Case dismissed Aug. 2.

THE MONTH.

Conlan		Case dismissed Aug. 12.
Shortall		Found guilty and fined \$25 Aug. 4.
Shortall		Case dismissed Aug. 4.
Shortall		Case dismissed Aug. 4.
Conlan		Case dismissed Aug. 31.
Shortall	Continued to September 17.	
Shortall	Continued to September 1.	
Conlan	Continued to September 1.	
Weller	Continued to September 1.	
Shortall	Continued to September 1.	
Shortall	Continued to September 1.	
Shortall	Continued to September 1.	
Shortall	Continued to September 1.	
Shortall	Continued to September 1.	
Deasy	Continued to September 1.	
Conlan	Continued to September 1.	
Conlan	Continued to September 1.	
Shortall	Continued to September 1.	
Weller		Case dismissed Aug. 24.
Conlan	Continued to September 13.	
Conlan		Case dismissed Aug. 26.
Shortall	Continued to September 17.	
Shortall	Continued to September 17.	
Conlan		Found guilty and fined \$10 Aug. 31.
Weller	Continued to September 10.	
Shortall	Continued to September 1.	
Weller	Continued to September 13.	
Conlan	Continued to September 2.	
Conlan	Continued to September 2.	
Weller	Continued to September 2.	
Conlan	Continued to September 2.	
Shortall	Continued to September 2.	
Conlan	Continued to September 3.	

SUMMARY.

Pending at Last Report.....	3
Arrested during month of August.....	36
Total	36
Convicted	3
Dismissed	8
Pending—August Arrests, 25.....	25
Proof Total	36
Fines imposed—August cases	\$25.00
Pending cases	15.00
Total	\$50.00

RECORD OF ARRESTS

SEPTEMBER, 1910—

Arrested	NAME	VIOLATION	COMPLAINANT
Aug. 12	John Ogier	Ord. 229	O'Connor
Aug. 13	John Domingos	Ord. 229	Murphy
Aug. 13	Manuel Soares	Ord. 229	Lendrum
Aug. 13	Manuel Soares	Ord. 229	Lydon
Aug. 13	Manuel Fagundes	Ord. 229	O'Connor
Aug. 13	Manuel Fagundes	Ord. 229	Lendrum
Aug. 13	Joseph I. Brazil	Ord. 229	Murphy
Aug. 13	J. N. Bello	Ord. 229	Lydon
Aug. 15	A. A. Machado	Ord. 229	O'Connor
Aug. 15	John Silva	Ord. 229	Murphy
Aug. 15	Geo. S. Cardoza	Ord. 229	Lendrum
Aug. 17	Frank R. Machado	Ord. 229	Lendrum
Aug. 18	Frank R. Machado	Ord. 229	Lydon
Aug. 24	Rocca Ghisletta	Ord. 229	Lydon
Aug. 26	Frank A. Machado	Ord. 229	Lendrum
Aug. 26	Joseph Silva	Ord. 229	Lendrum
Aug. 29	Manuel Esperanza	Ord. 229	Lydon
Aug. 29	Edward Azeveda	Ord. 229	Lydon
Aug. 31	Edward Green	Ord. 660	Lendrum
Aug. 31	Risto Gerunovich	Ord. 660	Lendrum
Aug. 31	Levi Owens	Ord. 660	Lydon
Aug. 31	Peter Ellis	Ord. 660	Lydon
Aug. 31	A. Papageorge	Ord. 660	Lendrum
Aug. 31	James Nichols	Ord. 660	Lydon
Aug. 31	Henry Spyns	Ord. 660	Lydon

ARRESTED DURING

Sept. 1	James Jacobsen	Ord. 660	Lendrum
Sept. 1	Boghar Chamaline	Ord. 660	Lendrum
Sept. 1	Joaquin Bernardo	Ord. 229	Lendrum
Sept. 1	Joaquin Bernardo	Ord. 229	Lydon
Sept. 2	William Healion	Ord. 229	O'Connor
Sept. 2	D. W. Saylor	Ord. 660	Lendrum
Sept. 2	W. H. Blunden	Ord. 660	Murphy
Sept. 2	John Sutich	Ord. 660	Murphy
Sept. 2	E. C. Mollogarr	Ord. 660	Murphy
Sept. 2	Alex Brown	Ord. 660	Murphy
Sept. 6	J. W. McConnell	Ord. 660	Lendrum
Sept. 6	Joseph Kennell	Ord. 660	Lydon
Sept. 7	Manuel Domingos	Ord. 660	O'Connor
Sept. 7	Manuel Domingos	Ord. 660	O'Connor
Sept. 27	Hippolyte Lapachet	Ord. 660	Murphy

ORDINANCE NUMBERS DEFINED

127 and 229—Regulating construction and maintenance of dairies

660—Regulating disposal of milk.

PENDING AT LAST REPORT.

JUDGE	CONTINUANCES	DISPOSITION	FINAL ACTION
Shortall	Case dismissed	September 17.
Shortall	Case dismissed	September 12.
Conlan	Case dismissed	September 20.
Weller	Case dismissed	September 20.
Shortall	Case dismissed	September 12.
Shortall	Case dismissed	September 12.
Shortall	Case dismissed	September 12.
Shortall	Case dismissed	September 12.
Shortall	Case dismissed	September 12.
Deasy	Case dismissed	September 12.
Conlan	Case dismissed	September 20.
Conlan	Case dismissed	September 27.
Shortall	Case dismissed	September 27.
Conlan	Case dismissed	September 7.
Shortall	Case dismissed	September 12.
Shortall	Case dismissed	September 12.
Weller	Case dismissed	September 12.
Shortall	Case dismissed	September 12.
Weller	Found guilty and fined \$25	Sept. 13.
Conlan	Found guilty and fined \$25	Sept. 2.
Conlan	Case dismissed	September 2.
Weller	Found guilty and fined \$10	Sept. 2.
Conlan	Found guilty and fined \$25	Sept. 2.
Shortall	Case dismissed	September 2.
Conlan	Found guilty and fined \$25	Sept. 23.

THE MONTH.

Shortall	.....	Found guilty and fined \$10	Sept. 8.
Weller	.....	Found guilty and fined \$10	Sept. 2.
Shortall	.....	Case dismissed	September 12.
Conlan	.....	Case dismissed	September 12.
Weller	.....	Case dismissed	September 3.
Weller	.....	Found guilty and fined \$10	Sept. 3.
Shortall	.....	Found guilty and fined \$10	Sept. 3.
Weller	.....	Case dismissed	September 3.
Shortall	.....	Case dismissed	September 3.
Shortall	.....	Found guilty and fined \$10	Sept. 3.
Shortall	.....	Case dismissed	September 20.
Conlan	.....	Found guilty and fined	September 2.
Weller	.....	Case dismissed	September 14.
Weller	.....	Case dismissed	September 14.
Weller	.....	Continued to	October 8.

SUMMARY.

Pending at last report	.....	25
Arrested during month of September	.....	15
Total	.....	40
Convicted	.....	11
Dismissed	.....	23
Pending—September arrests, 1.	.....	1
Proof Total	.....	40
Fines imposed—September cases	.....	\$ 50.00
Pending cases	.....	110.00
Total	.....	\$160.00

RECORD OF ARRESTS

OCTOBER, 1910—			
Arrested	NAME	VIOLATION	COMPLAINANT
Sept. 27	Hippolyte Lapachet.....	Ord. 660.....	Murphy
ARRESTED DURING			
Oct. 4	John Moran.....	Ord. 660.....	O'Connor
Oct. 5	Otto Fitzgerald	Ord. 660	Lendrum
Oct. 5	Louis Boggon	Ord. 660	Murphy
Oct. 5	Antone Rosa	Ord. 660	O'Connor
Oct. 19	George Sugihara	Ord. 660	Lydon

ORDINANCE NUMBER DEFINED.

660—Regulating disposal of milk.

PENDING AT LAST REPORT.

JUDGE	DISPOSITION	
	CONTINUANCES	FINAL ACTION
Weller	Found guilty and fined \$25 Oct. 29.	

THE MONTH.

Shortall	Case dismissed October 5.	
Shortall	Found guilty and fined \$25 Oct. 6.	
Weller	Found guilty and fined \$25 Oct. 6.	
Weller	Found guilty and fined \$50 Oct. 13.	
Shortall	Continued to November 2	

SUMMARY.

Pending at last report.....	1
Arrested during month.....	5
Total	6
Convicted	4
Dismissed	1
Pending—October arrests, 1.....	1
Proof total	6
Fines imposed—October cases	\$100.00
Pending cases	25.00
Total	\$125.00

RECORD OF ARRESTS

NOVEMBER, 1910—			
Arrested	NAME	VIOLATION	COMPLAINANT
Oct. 19	George Sugihara	Ord. 660	Lydon
ARRESTED DURING			
Nov. 9	Curtis Mason	Ord. 660	Murphy
Nov. 9	M. M. Esperanza	Ord. 660	Lydon
Nov. 18	E. T. Azevedo	Ord. 660	O'Connor
Nov. 21	J. Cardoza	Ord. 660	Lydon
Nov. 30	Hippolyte Lapachet	Ord. 660	Murphy

ORDINANCE NUMBER DEFINED.

660—Regulating disposal of milk.

PENDING AT LAST REPORT.

JUDGE	DISPOSITION	
	CONTINUANCES	FINAL ACTION
Shortall	Found guilty and fined \$10 Nov. 2.	

THE MONTH.

Conlan	Found guilty and fined \$10 Nov. 11.	
Conlan	Continued to December 15.....	
Shortall	Continued to December 15.....	
Deasy	Continued to December 15.....	
Weller	Continued to December 7.....	

SUMMARY.

Pending at last report	1
Arrested during month	5
Total	6
Convicted	2
Dismissed	0
Pending—November arrests, 4.....	4
Proof Total	6
Fines imposed—November cases	\$10.00
Pending cases	10.00
Total	\$20.00

RECORD OF ARRESTS

DECEMBER, 1910—

Arrested	NAME	VIOLATION	COMPLAINANT
Nov. 9	M. M. Esperanza	Ord. 660	Lydon
Nov. 18	E. T. Azevedo	Ord. 660	O'Connor
Nov. 21	J. Cardoza	Ord. 660	Lydon
Nov. 30	Hippolyte Lapachet	Ord. 660	Murphy

ARRESTED DURING

Dec. 1	John Buhle	Ord. 660	O'Connor
Dec. 1	Henry Annixter	Ord. 660	Lydon
Dec. 1	Leo Anthenien	Ord. 660	Lendrum
Dec. 1	Manuel Silveira	Ord. 660	O'Connor
Dec. 1	L. Sartori	Ord. 660	Murphy
Dec. 1	Hippolyte Lapachet	Ord. 660	Lydon
Dec. 1	P. Torre	Ord. 660	Lydon
Dec. 1	Chas. Foppiano	Ord. 660	Murphy
Dec. 3	Patrick McGee	Ord. 660	Lydon
Dec. 3	H. C. Lunt	Ord. 660	O'Connor
Dec. 3	Frank Mozetti	Ord. 660	Murphy
Dec. 3	John Beresini	Ord. 660	Murphy
Dec. 3	Frank LaBrucherie	Ord. 660	O'Connor
Dec. 5	Henry C. Melone	Ord. 660	Lendrum
Dec. 5	Geo. Hirt	Ord. 660	Lendrum
Dec. 8	J. A. Christen	Ord. 660	O'Connor
Dec. 9	Bert Davis	Ord. 660	O'Connor
Dec. 9	Edward Leach	Ord. 660	O'Connor
Dec. 9	B. Epp	Ord. 660	Lendrum
Dec. 13	Leo Anthenien	Ord. 660	Lendrum
Dec. 19	John T. Quarles	Ord. 660	O'Connor
Dec. 22	Frank LaBrucherie	Ord. 660	O'Connor
Dec. 22	Barney Casson	Ord. 660	Lendrum

ORDINANCE NUMBER DEFINED.

660—Regulating disposal of milk.

PENDING AT LAST REPORT.

JUDGE	DISPOSITION	
	CONTINUANCES	FINAL ACTION
Conlan	Case dismissed December 28th.	
Shortall	Case dismissed December 17th.	
Deasy	Case dismissed December 15th.	
Weller	Case dismissed December 14th.	

THE MONTH.

Weller	Found guilty and fined \$25 Dec. 9.	
Conlan	Case dismissed December 16th.	
Flood	Found guilty and fined \$10 Dec. 14.	
Weller	Found guilty and fined \$10 Dec. 2.	
Shortall	Case dismissed December 7th.	
Flood	Found guilty and fined \$25 Dec. 17.	
Conlan	Found guilty and fined \$25 Dec. 2.	
Conlan	Found guilty and fined \$25 Dec. 2.	
Weller	Case dismissed December 12.	
Conlan	Case dismissed December 16.	
Weller	Found guilty and fined \$25 Dec. 7.	
Weller	Found guilty and fined \$25 Dec. 7.	
Weller	Found guilty and fined \$10 Dec. 5.	
Flood	Case dismissed December 6.	
Weller	Found guilty and fined \$10 Dec. 9.	
Flood	Found guilty and fined \$10 Dec. 9.	
Flood	Found guilty and fined \$10 Dec. 10.	
Weller	Case dismissed December 17.	
Conlan	Case dismissed December 10.	
Conlan	Found guilty and fined \$25 Dec. 14.	
Shortall	Case dismissed December 20.	
Weller	Found guilty and fined \$10 Dec. 23.	
Flood	Case dismissed December 29.	

SUMMARY.

Pending at last report.....	4
Arrested during month.....	23
Total	27
Convicted	14
Dismissed	13
Proof Total	27
Fines imposed—December cases	\$245.00
Pending cases	0
Total	\$245.00

ARRESTED DURING

JANUARY, 1911—

Arrested	NAME	VIOLATION	COMPLAINANT
Jan. 5	A. Basso	Ord. 660	Lydon
Jan. 5	F. Mozetti	Ord. 660	Lydon
Jan. 10	Barney Cassou	Ord. 660	Lendrum
Jan. 16	John Masciorini	Ord. 660	Lydon
Jan. 16	Robert Martinelli	Ord. 660	O'Connor
Jan. 17	Henry Hoffman	Ord. 660	O'Connor
Jan. 17	John Mondott	Ord. 660	Murphy
Jan. 17	Antone Baumann	Ord. 660	O'Connor
Jan. 17	Julius Bannerman	Ord. 660	O'Connor
Jan. 18	John Kocher	Ord. 660	Murphy
Jan. 19	Joseph Azevedo	Ord. 660	Murphy
Jan. 20	Frank Stump	Ord. 660	O'Connor
Jan. 20	Joseph Deeleene	Ord. 660	O'Connor
Jan. 23	Walter Prugschat	Ord. 660	Lendrum
Jan. 23	Andrew J. Cruse	Ord. 660	Lendrum
Jan. 23	Jacob Straëssler	Ord. 660	O'Connor
Jan. 24	Alfred Johnson	Ord. 660	O'Connor
Jan. 30	J. Ohlsen	Ord. 660	Lendrum
Jan. 30	Emil Marzolf	Ord. 660	O'Connor
Jan. 30	Lawrence T. Carey	Ord. 660	Lendrum

ORDINANCE NUMBER DEFINED

660—Regulating disposal of milk

THE MONTH.

JUDGE	DISPOSITION	
	CONTINUANCES	FINAL ACTION
Deasy	Found guilty and fined \$10 Jan. 6.	
Shortall	Found guilty and fined \$25 Jan. 6.	
Deasy	Case dismissed January 17.	
Deasy	Case dismissed January 17.	
Deasy	Case dismissed January 17.	
Weller	Case dismissed January 21.	
Deasy	Continued to February 1st.....	
Deasy	Case dismissed January 21.	
Deasy	Case dismissed January 21.	
Deasy	Case dismissed January 30.	
Deasy	Found guilty and fined \$10 Jan. 20.	
Weller	Case dismissed January 21.	
Deasy	Found guilty and fined \$10 Jan. 21.	
Deasy	Found guilty and fined \$5 Jan. 27.	
Weller	Continued to February 3d.....	
Deasy	Found guilty and fined \$5 Jan. 27.	
Shortall	Found guilty and fined \$25 Jan. 25.	
Shortall	Continued to February 2d.....	
Deasy	Continued to February 2d.....	
Shortall	Continued to February 3d.....	

SUMMARY.

Pending at last report	0
Arrested during month	20
Total	20
Convicted	7
Dismissed	8
Pending—January arrests, 5.....	5
Proof Total	20
Total fines	\$80

RECORD OF ARRESTS

FEBRUARY, 1911			
Arrested	NAME	VIOLATION	COMPLAINANT
Jan. 17	John Mondott	Ord. 660	Murphy
Jan. 23	Andrew J. Cruse	Ord. 660	Lendrum
Jan. 30	J. Ohlsen	Ord. 660	Lendrum
Jan. 30	Emil Marzorf	Ord. 660	O'Connor
Jan. 30	Lawrence T. Carey	Ord. 660	Lendrum
ARRESTED DURING			
Feb. 3	Manuel S. Silva	Ord. 660	Lendrum
Feb. 8	Edmund Luggan	Ord. 660	Murphy
Feb. 9	Manuel Fagundes	Ord. 660	Murphy
Feb. 9	Antone Basso	Ord. 660	Lydon
Feb. 9	Frank LaBrucherie	Ord. 660	O'Connor
Feb. 9	Frank Mozetti	Ord. 660	Murphy
Feb. 10	G. Giovanetti	Ord. 660	Lendrum
Feb. 10	John Brennan	Ord. 660	O'Connor
Feb. 10	John Ordgoitardly	Ord. 660	Lydon
Feb. 10	John M. Souza	Ord. 660	Lendrum
Feb. 17	Frank P. Roche	Ord. 660	Lydon
Feb. 20	Frank Seamas	Ord. 660	Murphy
Feb. 27	James Dravilas	Ord. 660	Lendrum
Feb. 27	Henry Masters	Ord. 660	Lendrum
Feb. 27	Stuart S. Mills	Ord. 660	Lendrum
Feb. 27	Constantine Tambokis	Ord. 660	Lendrum

ORDINANCE NUMBER DEFINED.

660—Regulating disposal of milk.

PENDING AT LAST REPORT.

JUDGE	DISPOSITION	
	CONTINUANCES	FINAL ACTION
Deasy	Found guilty and fined \$25 Feb. 14.	
Weller	Case dismissed February 3d.	
Shortall	Case dismissed February 2d.	
Deasy	Case dismissed February 2d.	
Shortall	Case dismissed February 3d.	

THE MONTH.

Deasy	Found guilty and fined \$5 Feb. 4.	
Shortall	Found guilty and fined \$200 Feb. 9.	
Shortall	Case dismissed February 10th.	
Weller	Case dismissed February 10th.	
Deasy	Found guilty and fined \$10 Feb. 10.	
Deasy	Found guilty and fined \$10 Feb. 10.	
Weller	Case dismissed February 11th.	
Shortall	Found guilty and fined \$10 Feb. 18.	
Deasy	Case dismissed February 15th.	
Deasy	Case dismissed Februar 24th.	
Shortall	Continued to March 3d.	
Weller	Continued to March 7th.	
Shortall	Case dismissed February 23th.	
Weller	Found guilty and fined \$10 Feb. 23.	
Weller	Case dismissed February 23th.	
Shortall	Found guilty and fined \$10 Feb. 23.	

SUMMARY.

Pending at last report	5
Arrested during month	16
Total	21
Convicted	8
Dismissed	11
Pending—February arrests, 2.....	2
Proof Total	21
Total fines	\$295

RECORD OF ARRESTS

MARCH, 1911—

Arrested	NAME	VIOLATION	COMPLAINANT
Feb. 17	Frank P. Roche	Ord. 660	Lydon
Feb. 20	Frank Seamus	Ord. 660	Murphy

ARRESTED DURING

Mar. 2	Mannel Frucht	Ord. 660	O'Connor
Mar. 3	Joseph Silva	Ord. 660	Lydon
Mar. 3	Michael Butler	Ord. 660	O'Connor
Mar. 4	George Cardoza	Ord. 660	Lendrum
Mar. 6	Bernard Epp	Ord. 660	Lendrum
Mar. 8	H. Lapachet	Ord. 660	O'Connor
Mar. 8	Minnie Ingleson	Ord. 660	Murphy
Mar. 10	Edwin A. Green	Ord. 660	Lendrum
Mar. 15	Leo Anthenian	Ord. 660	O'Connor

ORDINANCE NUMBER DEFINED.

660—Regulating disposal of milk.

PENDING AT LAST REPORT.

JUDGE	DISPOSITION	
	CONTINUANCES	FINAL ACTION
Shortall	Case dismissed March 6.	
Weller	Case dismissed March 7.	

THE MONTH.

Deasy	Found guilty, fined \$25, March 3.	
Weller	Case dismissed March 4.	
Weller	Found guilty, fined \$10, March 6.	
Deasy	Found guilty, fined \$10, March 14.	
Weller	Case dismissed March 11.	
Shortall	Continued to April 3.	
Deasy	Case dismissed March 9.	
Weller	Continued to April 1.	
Weller	Found guilty, fined \$10, March 21.	

SUMMARY.

Pending at last report	2
Arrested during month	9
Total	11
Convicted	4
Dismissed	5
Pending—March arrests, 2.....	2
Proof Total	11
Total fines	\$55

RECORD OF ARRESTS

APRIL, 1911—

Arrested	NAME	VIOLATION	COMPLAINANT
Mar. 8	H. Lapachet	Ord. 660	O'Connor
Mar. 10	Edwin A. Green	Ord. 660	Lendrum

ARRESTED DURING

April 4	Manuel Borges	Ord. 660	O'Connor
April 17	John L. Barats	Ord. 660	Lendrum
April 19	H. C. Lunt	Ord. 660	O'Connor
April 19	Isaac B. Parsons	Ord. 660	Murphy
April 19	Antonio M. DeBorba	Ord. 660	Lydon
April 26	Bert Davis	Ord. 660	Lydon
April 29	Henry Lauberge	Ord. 660	Lendrum

ORDINANCE NUMBER DEFINED.

660—Regulating disposal of milk.

PENDING AT LAST REPORT.

JUDGE	DISPOSITION	
	CONTINUANCES	FINAL ACTION
Shortall	Found guilty and fined \$300	April 5.
Weller	Case dismissed	April 5.

THE MONTH.

Deasy	Case dismissed	April 5.
Weller	Case dismissed	April 5.
Shortall	Continued to May 3	.....
Weller	Case dismissed	April 22.
Weller	Case dismissed	April 20.
Weller	Case dismissed	April 27.
Weller	Continued to May 4	.....

SUMMARY.

Pending at last report	2
Arrested during the month	7
Total	9
Convicted	1
Dismissed	6
Pending—April arrests, 2	2
Proof Total	9
Total fines	\$300

RECORD OF ARRESTS

MAY, 1911—			
Arrested	NAME	VIOLATION	COMPLAINANT
April 19	H. C. Lunt	Ord. 660	O'Connor
April 29	Henry Launberge	Ord. 660	Lendrum
ARRESTED DURING			
May 3	Mrs. M. Ingelson	Ord. 660	O'Connor
May 5	Manuel Silveria	Ord. 660	Lendrum
May 5	Peter Loustalot	Ord. 660	O'Connor
May 8	J. F. Bernardo	Ord. 660	Murphy
May 8	Peter Castrisos	Ord. 660	Lydon
May 8	Nick Vidovich	Ord. 660	Murphy
May 8	Paul Christen	Ord. 660	Murphy
May 8	Joseph Hoffman	Ord. 660	Murphy
May 8	Joseph Guich	Ord. 660	Lydon
May 8	R. A. Adolphus	Ord. 660	Murphy
May 8	Carl Zucherman	Ord. 660	Murphy
May 8	M. A. Breuss	Ord. 660	Lydon
May 15	Manuel S. Soares	Ord. 660	Lydon
May 16	Damino Mini	Ord. 660	Lydon
May 17	Silveria Pacheco	Ord. 660	Murphy
May 18	Frank Labrucherie	Ord. 660	O'Connor
May 19	J. A. Borges	Ord. 660	O'Connor
May 20	Antone Maltos	Ord. 660	O'Connor
May 22	Frank Diniz	Ord. 660	Lendrum
May 22	Frank Mozetti	Ord. 660	Lendrum
May 22	I. B. Parsons	Ord. 660	Lendrum
May 23	Antone Rosa	Ord. 660	O'Connor
May 24	Manuel Silveira	Ord. 660	O'Connor
May 24	Joseph Azevedo	Ord. 660	Murphy
May 30	Peter Labrucherie	Ord. 660	Lendrum
May 30	John M. Silva	Ord. 660	Lydon
May 31	John M. Silva	Ord. 660	Lendrum

ORDINANCE NUMBER DEFINED.

660—Regulating disposal of milk.

PENDING AT LAST REPORT.

JUDGE	DISPOSITION	
	CONTINUANCES	FINAL ACTION
Shortall	Case dismissed May 3.	
Weller	Case dismissed May 4.	

THE MONTH.

Weller	Found guilty and fined \$10 May 4.
Weller	Found guilty and fined \$10 May 11.
Weller	Found guilty and fined \$10 May 11.
Weller	Case dismissed May 9.
Weller	Case dismissed May 9.
Weller	Case dismissed May 9.
Shortall	Case dismissed May 12.
Weller	Case dismissed May 9.
Weller	Case dismissed May 9.
Shortall	Case dismissed May 9.
Shortall	Found guilty and fined \$10 May 9.
Shortall	Found guilty and fined \$25 May 9.
Weller	Case dismissed May 16.
Weiler	Case dismissed May 18.
Shortall	Found guilty and fined \$50 May 18
Shortall	Case dismissed May 22.
Treadwell	Case dismissed May 22.
Sullivan	Case dismissed May 25.
Weller	Case dismissed May 22.
Weller	Found guilty and fined \$10 May 29.
Shortall	Continued to June 1.....
Shortall	Continued to June 21.....
Weller	Case dismissed May 25.
Weller	Found guilty and fined \$25 May 1.
Weller	Case dismissed May 31.
Sullivan	Continued to June 1.....
Sullivan	Continued to June 1.....

SUMMARY.

Pending at last report	2
Arrested during the month	27
Total	29
Convicted	8
Dismissed	17
Pending	4
Proof Total	29
Total fines	\$150

RECORD OF ARRESTS

JUNE, 1911—			
Arrested	NAME	VIOLATION	COMPLAINANT
May 22	I. B. Parsons	Ord. 660	Lendrum
May 23	Antone Rosa	Ord. 660	O'Connor
May 30	John M. Silva	Ord. 660	Lydon
May 31	John M. Silva	Ord. 660	Lendrum
ARRESTED DURING			
June 24	Chas. Ballhaus	Ord. 660	Lydon
June 28	Manuel Silveira	Ord. 660	Lendrum
June 29	Edward Leach	Ord. 660	Lendrum
June 30	Frank LaBrucherie	Ord. 660	Lendrum

ORDINANCE NUMBER DEFINED.

660—Regulating disposal of milk.

PENDING AT LAST REPORT.

JUDGE	DISPOSITION	
	CONTINUANCES	FINAL ACTION
Shortall	Case dismissed June 1.	
Shortall	Case dismissed June 27.	
Sullivan	Found guilty and fined \$25 June 1.	
Sullivan	Found guilty and fined \$25 June 1.	

THE MONTH.

Deasy	Case dismissed June 26.	
Deasy	Continued to July 29.	
Sullivan	Continued to July 22.	
Deasy	Continued to July 22.	

SUMMARY.

Pending at last report	4
Arrested during month	4
Total	8
Convicted	2
Dismissed	3
Pending—April arrests, 3.....	3
Proof Total.....	8
Total fines	\$50

TABLE FOUR

GOLDEN GATE

(Parts per

Lab. No.	SOURCE.	Date.	Clear or Turbid....	Total Solids.....	Loss on Ignition.	Fixed Residue.....
JULY, 1910—						
15	Pumping Station Reservoir	July 6	Very turbid	381	161	220
16	Children's Playground, Kitchen	July 6	Turbid	383	165	218
17	Cyclers' Rest	July 6	Turbid.....	373	152	221
18	Children's Playground, Faucet	July 6	Turbid	383	181	202
30	Park Reservoir, Station	July 12	Turbid.....	371	169	202
31	Tap, Cyclers' Rest	July 12	Turbid.....	392	190	202
22	Children's Playground, kitchen tap	July 12	Turbid	381	175	206
33	Children's Playground, Tap	July 12	Turbid	382	172	210
40	Park Station	July 19	Slight turbidity	390	170	220
41	Strawberry Hill Reservoir	July 19	Slight turbidity	349	149	200
NOVEMBER, 1910—						
127	G. G. Park, Cyclers' Rest	Nov. 22	Turbid.....	380	170	210
128	G. G. Park, Playground, Drkg Std	Nov. 22	Slight turbidity	236	67	169
129	G. G. Park, Beach Chalet.....	Nov. 22	Very turbid	350	100	244
DECEMBER, 1910—						
142*	Well Water, McLaren's Residence..	Dec. 15	Slight turbidity	426	150	236
143	Well, Golden Gate Park	Dec. 15	Clear	404	192	212
144	Children's Playground	Dec. 15	Turbid	280	90	190
	*Too high in nitrates.					
FEBRUARY, 1911—						
153	Supt.'s House, G. G. Park	Feb. 6	Clear	385	157	228
154	Dutch Mill	Feb. 6	Slight turbidity	340	111	229
155	Beach Chalet, Spring Valley Water	Feb. 6	Slight turbidity	208	50	152
156	Pumping Station Samp	Feb. 6	Clear	399	160	233
157	Children's Playground	Feb. 6	Slight turbidity	772	404	468

WATER ANALYSIS

PARK WATER WORKS

1,000,000.)

Chlorine.....	Nitrogen as				Oxygen Consumed.....	REMARKS, DEPTH AT WHICH SAMPLES TAKEN—
	Nitrites.....	Nitrates.....	Free Ammonia.....	Albuminoid Ammonia...		
37	None	8	0.014	0.062	1	
37	None	8	0.008	0.058	1	
37	None	8	0.004	0.064	1	
37	None	8	0.008	0.068	1	
37	None	12	0.008	0.056	1	
36	None	13	0.008	0.056	2	
37	None	12.5	0.008	0.56	1	
37	None	12.5	0.002	0.022	1	
39	None	10	0.002	0.038	1	2' from surface, only 3' in well.
37	Traces	10	0.008	0.040	2	3' from surface, 10' from inlet.

40	.005	14	.022	.084	1	
48	.002	None	.025	.090	2	
51	None	Trace	.022	.824	7	

40	None	12.5	.008	.128	1	27' 10"
37	0.025	15.	.016	.092	1	
56	None	None	.080	.312	2	

40	.001	11	.012	.096	1	
52	0	0	.128	.124	1	
41	0	0	.028	.186	1	
41	.005	11	.022	.132	1	
45	0	0	.046	.258	2	

GOLDEN GATE PARK

(Parts per

Lab. No.	SOURCE	Date.	Clear or Turbid	Total Solids	Loss on Ignition..	Fixed Residue
MARCH, 1911—						
186	Beach Chalet	Mar. 29	Slight turbidity	401	170	231
187	Superintendent's House	Mar. 29	Clear	149	45	104
188	Sump. at Water Works	Mar. 29	Clear	152	36	116
189	Children's Playground	Mar. 29	Slight turbidity	374	135	239
APRIL, 1911—						
201	Children's Playground	Apr. 12	Turbid	139	45	94
202	Superintendent's House	Apr. 12	Clear	371	131	220
203	Pumping Station Sump	Apr. 12	Clear	383	150	232
204	Beach Chalet	Apr. 12	Turbid	140	41	99
MAY, 1911—						
231	Drinking Fountain at Museum	May 9	Clear	400	169	231
232	Beach Chalet	May 9	Turbid	140	36	104
233	Pumping Station	May 9	Clear	393	148	245
234	Children's Playground	May 9	Clear	130	37	93
235	Superintendent's House	May 9	Clear	371	157	214
JUNE, 1911—						
247	Superintendent's Residence	June 7	Turbid	414	172	242
248	Museum Fountain	June 7	Clear	415	135	230
249	Pumping Station	June 7	Clear	411	16	258
250	Beach Chalet	June 7	Clear	149	48	101
251	Children's Playground	June 7	Clear	141	4	98

WATER WORKS—Continued

1,000,000.)

Chlorine.....	Nitrogen as				Oxygen Consumed.....	REMARKS, DEPTH AT WHICH SAMPLES TAKEN—
	Nitrites.....	Nitrates.....	Free Ammonia.....	Albuminoid Ammonia..		
22	0	0	.008	.064	2	
40	.003	.15	.012	.060	1	
40	.005	.15	.008	.046	1	
22	0	0	.008	.130	1	
20	0	0	.040	.136	2	
40	.002	13	.008	.046	1	
40	.015	12	.016	.036	1	25' 0"
20	0	0	.012	.050	2	
42	.010	15	.022	.122	1	
20	0	0	.022	.112	2	
42	.008	15	.008	.082	1	
20	0	.028	.140	.140	3	
42	.025	15	.008	.086	1	
42	.004	12.4	.008	.112	1	
42	.005	12.4	.008	.106	1	
43	0	13.0	.008	.048	1	
23	0	0	.012	.106	2	
22	0	0	.012	.112	2	

Lab. No.	SOURCE.	Date.	Clear or Turbid.	Total Solids.....	Loss on Ignition.....	Fixed Residue.....
JULY, 1910—						
19	H. Salver, 496 Leland Ave.	July 11	Slight turbidity	364	162	202
20	D. Centa, 252 Leland Ave.....	July 11	Clear	507	297	210
21	J. Gellespe, 151 Raymond Ave	July 11	Slight turbidity	301	157	144
22	M. Mathesin, 133 Arleta St.....	July 11	Green	303	115	188
23	C. B. Pisano, 318 Arleta Ave.....	July 11	Slight turbidity	254	66	188
24	C. B. Pisano, 318 Arleta Ave.....	July 11	Clear	310	122	188
25	L. Hilderbrandt, 125 Campbell Ave.	July 11	Clear	278	98	189
26	E. A. Alkete, 427 Wilde Ave	July 11	Slight turbidity	265	120	145
27	L. W. Johnson, 156 Tioga Ave.....	July 11	Clear.....	292	145	147
34	Cluff, Spear and Mission Sts.....	July 19	Slight turbidity	618	148	470

AUGUST, 1910—

63	Notre Dame College	Aug. 30	Very turbid	507	104	293
64	Chronicle Bldg., Basement, S.V. pipe	Aug. 22	.....	248		
65	Chronicle Bldg., Ninth Floor	Aug. 22		268		

SEPTEMBER, 1910—

66	Dr. H. A. L. Ryfkogel, 162 Post	Sept. 17	Clear	202	82	120
70	D. Centa, 252 Leland Ave	Sept. 26	Turbid	538	290	248
71	H. Salver, 498 Leland Ave	Sept. 26	Slight turbidity	427	235	192
72	O. D. Pisano, 318 Arleta Ave	Sept. 26	Clear	275	119	28
73	M. Mathesin, 133 Arleta Ave	Sept. 17	Clear	311	105	206
74	L. Hilderbrandt, 125 Campbell	Sept. 26	Clear	301	96	211
75	L. W. Johnson, 156 Tioga Ave	Sept. 26	Slight turbidity	504	250	254
76	J. Gillette, 131 Raymond Ave	Sept. 26	Turbid	216	65	151
77	C. Ebert 308 Texas (faucet in garden)	Sept. 27	Clear	287	124	163
78	E. H. Zenner, 411 B Fair Oaks	Sept. 27	Clear	148	89	65
84	C. Lutinger, 4550 Mission	Sept. 28	Clear	553	325	228

SAMPLES OF WATER

1,000,000.)

Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	REMARKS, DEPTH AT WHICH SAMPLES TAKEN—
	Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia..		
33	0.001	15	0.002	0.042	1	40' depth.
55	0.005	17	0.042	0.080	1	
34	0.003	12	0.008	0.142	2	Taken from house supplied by well.
42	None	4.5	0.022	0.276	1	
27	0.001	10.0	0.004	0.036	1	
30	0.001	12.0	0.002	0.072	1	
30	0.001	4.2	0.022	0.088	1	
30	0.001	8	0.002	0.016	1	
47	0.001	8.5	0.002	0.028	1	
127	None	None	0.002	0.020	5	

58	0.040	1.32	.662	0.046	2	Well 119' dp., stl. casing, 14' from grd.
21.5	*Samples	correspond	in all other	re		spects as in Chlorine.
21.5	*Samples	correspond	in all other	re		spects as in Chlorine.

10	.007	.64	.006	.040	1	
54	.007	10.	.008	.028	1	
31	.002	10.	.018	.022	1	
.008	8.	.018	.016	.036	1	
40	.002	4.5	.016	.032	1	
32	.002	3.5	.002	.022	1	
62	.005	9.	.002	.016	1	
28	.036	2.5	.062	.028	1	
20	None	Traces	.012	.068	2	
19	None	None	.016	.086	2	Faucet in kitchen
55	Traces	4.0	.002	.008	1	

MISCELLANEOUS SAMPLES

(Parts per

Lab. No.	SOURCE	Date	Clear or Turbid	Total Solids	Loss on Ignition	Foed Residue
OCTOBER, 1910—						
90	C. R. Holton, 824 Turk St	Oct. 6	Slight turbidity	161	69	92
91	Bellvue Hotel, Geary and Gough Sts	Oct. 10	Slight turbidity	229	102	127
92	Valmar Apts., 1761 Market St	Oct. 10	Slight turbidity	153	68	85
93	Anderson, 310 Noe St	Oct. 10	Clear	155	80	75
94	Dr. Zumwalt, 3468 Mission St	Oct. 10	Clear	150	65	85
95	College Hill Reservoir	Oct. 10	Slight turbidity	151	65	86
96	Hahnemann Hospital	Oct. 10	Clear	230	130	100
97	Hahnemann Hospital	Oct. 10	Slight turbidity	245	120	125
104	Butler Bldg., Dr. Mead, Room 919	Oct. 11	Clear			
110	Butler Bldg., 135 Stockton St	Oct. 31	Clear	1302	537	765
111	Butler Bldg., 135 Stockton St	Oct. 31	Clear	1300	524	776
112	St. John Apt., 1625 Polk St	Oct. 26	Clear	675	267	408
NOVEMBER, 1910—						
125	Mr. Newberg, 1413 Alabama St	Nov. 10	Slight turbidity	254	91	163
126	P. Kallan, 1526 1/2 Hampshire St	Nov. 10	Slight turbidity	236	91	145
130	85 Naples St., 'J. Beal'	Nov. 22	Turbid	307	87	220
DECEMBER, 1910—						
145	Greenwich Street	Dec. 22	Pink & turbid	452	168	284
146	Mrs. Leason, 3912 23rd St	Dec. 23				
194	Mr. Berio	Apr. 3	Sl Turbid	300	251	849
APRIL, 1911						
210	W S Hoffman, 16 Belvedere Street	Apr. 13	Sl. Turbid			
211	1211A Scott Street	Apr. 21	Turbid	155	92	100
212	Bath St Police Sta. Pub. Inst.	Apr. 24	Clear	320	125	195
MAY, 1911						
220	J. F. Morgan, 128 Dolores St	May 8	Turbid	198	59	139

OF WATER—Continued

1,000,000.)

Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	REMARKS, DEPTH AT WHICH SAMPLES TAKEN—
	Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia.....		
23	None	None	.012	.072	3	Faucet in kitchen; water from tank on roof
21	.001	None	.012	.122	4	Tank on roof. S. V. W. Co.
21	0	0	.012	.092	3	From hot water faucet
21	0	0	.002	.066	3	Tap in kitchen
20	.005	0	.002	.072	3	Tap in kitchen. S. V. W. Co.
21	0	0	.002	.170	3	
43	None	None	.008	.082	3	Faucet in bathroom
43	None	None	.012	.174	4	Tank on roof
275	None					
294	.060	16	.012	.026	1	
296	.015	16	.012	.022	1	
91	.015	14	.016	.016	1	Well water taken from tap

23	None	None	.032	.168	2	
24	None	None	.026	.168	2	
38	.003	8	.018	.036	1	

80		Present				H ₂ S none, Odor, earthy.
80						H ₂ S none, Odor, earthy; no sewer contamination.
172	.040	10	.072	.100	1	

20	0	0	.032	.092	2	23' 6"

20	0	0	.008	.078	3	Private Individual.
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MUNICIPAL

(Parts per

Lab. No.	SOURCE	Date	Clear or Turbid...	Total Solids	Loss on Ignition	Fixed Residue
JULY, 1910—						
12	Municipal Water Supply, Well	July 6	Slight turbidity	266	70	196
13	Municipal Water Supply, Sump	July 6	Slight turbidity	266	72	194
14	Municipal Water Supply, Reservoir	July 6	Slight turbidity	260	92	168
SEPTEMBER, 1910—						
67	Municipal Water Supply (Sump)	Sept. 26	Clear	327	110	217
68	Municipal Water Supply (Pump)	Sept. 26	Clear	303	100	203
69	Municipal Water Supply (Co. Line Reservoir)	Sept. 26	Clear	289	90	199
APRIL, 1911—						
190	Large Reservoir	Apr. 3	Sl. Turbid	308	93	210
191	Small Reservoir	Apr. 3	Turbid	308	90	219
192	Sump	Apr. 3	Clear	323	123	201
193	Well	Apr. 3	Clear	322	109	213
213	Large Reservoir	Apr. 21	Clear	320	125	195
214	Small Reservoir	Apr. 24	Turbid	281	84	197
215	Sump	Apr. 24	Clear	331	122	209
216	Well	Apr. 24	Clear	352	143	210
JUNE, 1911—						
253	Well	June 8	Clear	302	61	241
254	Large Reservoir	June 8	Clear	330	81	249
255	Sump	June 8	Clear	315	88	227

WATER SUPPLY

1,000,000.)

Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	REMARKS, DEPTH AT WHICH SAMPLES TAKEN—
	Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia.....		
38	None	3.6	0.008	0.068	1	
37	None	3.6	0.008	0.066	1	
37	None	3.6	0.008	0.072	1	
35	.005	5.	.040	.056	1	
36	.004	4.5	.002	.036	1	
37	.002	4.5	.026	.044	1	
42	0	6	.012	.022	1	
33	.015	0	.018	.090	1	
44	0	6	.012	.022	1	
44	0	7	.016	.026	1	
45	0	7	.012	.096	1	9' 6"
23	.015	1	.016	.072	2	
49	trace	8	.008	.052	1	
50	0	8	.008	.022	1	
45	0	7.0	.008	.024	1	
50	0	7.6	.008	.024	1	
50	0	6.4	.002	.024	1	

REPORT OF THE ANALYSIS OF SAMPLES OF WATER TAKEN FROM

(Parts per

Lab. No.....	SOURCE	Date	Clear or Turbid	Total Solids	Loss on Ignition...	Fixed Residue
JULY, 1910—						
1	Clay Street Tank, Faucet	July 5	Clear	227	96	131
2	Lombard Street Reservoir	July 5	Slight turbidity	211	75	136
3	Francisco Street Reservoir	July 5	Clear	255	78	177
4	Presidio Heights Reservoir	July 5	Clear	261	83	178
5	Charendon Heights Reservoir	July 5	Clear	268	92	176
6	Potrero Heights Reservoir	July 5	Clear	253	78	175
7	College Hill Reservoir	July 5	Slight turbidity	134	58	76
8	University Mound Reservoir	July 5	Clear	270	109	161
9	South Lake Merced	July 5	Slight turbidity	281	93	188
10	North Lake Merced	July 5	Clear	276	102	174
11	Lake Honda, Screen House	July 5	Clear	141	70	71
28	Lake Merced, North	July 12	Clear	273	120	153
29	Lake Honda	July 12	Clear	178	76	102
35	North Lake Merced	July 19	Clear	271	73	198
36	South Lake Merced	July 19	Clear	263	77	186
27	Lake Honda	July 19	Clear	189	64	125
38	Clay Street Tank	July 19	Clear	254	75	179
39	Presidio Heights Reservoir	July 19	Clear	262	86	176

AUGUST, 1910—

42	Potrero Heights Reservoir	Aug 8	Turbid	264	99	165
43	College Hill Reservoir	Aug 8	Clear	139	66	67
44	University Mound Reservoir	Aug 8	Clear	284	95	189
45	North Lake Merced	Aug 8	Clear	270	81	189
46	Lake Honda Reservoir	Aug 8	Slight turbidity	192	70	122
47	Clay Street Tank	Aug 8	Clear	250	90	160
48	Lombard Street Reservoir	Aug 8	Clear	205	69	136
49	Francisco Street Reservoir	Aug 8	Clear	270	104	166
50	Presidio Heights Reservoir	Aug 8	Clear	264	97	167

THE PROPERTIES OF THE SPRING VALLEY WATER COMPANY

1,000,000.)

Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	REMARKS, DEPTH AT WHICH SAMPLES TAKEN—
	Nitrates.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia.....		
17	None	Traces	0.002	0.012	1	9' 8"
23	None	None	0.008	0.068	2	14' 8"
21	None	Traces	0.004	0.076	2	2' 8"
19	None	Traces	0.008	0.088	1	22' 8"
19	None	None	0.008	0.056	1	9'
20	None	None	0.008	0.066	2	17' 9" in reservoir, 6' below surface.
19	None	None	0.062	0.182	2	14' 10" in reservoir, 6' below surface.
19	None	Traces	0.002	0.062	2	16' 6" in reservoir, 6' below surface.
55	None	None	0.008	0.070	3	22' 10" in reservoir, 6' below surface.
55	None	None	0.008	0.132	3	22' 10" in reservoir, 6' below surface.
19	None	None	0.022	0.072	3	22' 11" in reservoir, 6' below surface.
55	None	None	0.008	0.254	4	
30	None	None	0.076	0.152	3	
55	None	None	0.008	0.210	4	28 1/2', taken from boat center of lake.
53	None	None	0.026	0.210	4	
30	None	None	0.014	0.158	3	
20	None	None	0.002	0.068	3	5' from surface.
20	None	None	0.002	0.060	2	5' from surface.

21	None	None	0.002	0.158	3	6' below surface.
19	None	None	0.002	0.158	3	6' below surface.
20	None	0.32	0.002	0.100	2	6' below surface.
55	None	None	0.012	0.212	4	6' below surface.
31	None	None	0.008	0.126	3	6' below surface.
20	None	None	0.004	0.062	2	9' 8" in tank.
26	None	None	0.006	0.104	3	14' 3" in tank.
20	None	None	0.002	0.086	2	2' in reservoir.
30	None	0.16	0.002	0.056	2	5' below surface.

REPORT OF THE ANALYSIS OF SAMPLES OF WATER TAKEN FROM THE

Parts per

Lab. No.	SOURCE	Date	Clear or Turbid	Total Solids.....	Loss on Ignition	Fixed Residue
51	Clarendon Heights Reservoir	Aug. 8	Clear	273	91	182
52	North Lake Merced	Aug. 29	Slight turbidity	278	73	205
53	Potrero Heights Reservoir	Aug. 29	Turbid	261	92	169
54	South Lake Merced	Aug. 29	Slight turbidity	289	102	187
55	College Hill Reservoir	Aug. 29	Slight turbidity	160	66	94
56	Lake Honda Reservoir	Aug. 29	Slight turbidity	203	69	134
57	University Mound Reservoir	Aug. 29	Slight turbidity	268	92	176
58	Clay Street Tank	Aug. 30	Clear	251	70	181
59	Lombard Street Reservoir	Aug. 30	.....	213	51	162
60	Francisco Street Reservoir	Aug. 30	Clear	209	58	151
61	Presidio Heights Reservoir	Aug. 30	Clear	254	69	185
62	Clarendon Heights Reservoir	Aug. 30	Clear	257	85	172

SEPTEMBER, 1910

79	South Lake Merced	Sept. 28	Slight turbidity	294	85	209
80	North Lake Merced	Sept. 28	Slight turbidity	290	88	202
81	University Mound Reservoir ..	Sept. 28	Slight turbidity	275	100	175
82	Lake Honda Reservoir	Sept. 28	Slight turbidity	211	75	136
83	College Hill Reservoir	Sept. 28	Clear	163	60	108
85	Clay Street Reservoir	Sept. 29	Clear	265	112	153
86	Lombard Street Reservoir	Sept. 29	Clear	260	115	145
87	Francisco Street Reservoir	Sept. 29	Clear	255	104	151
88	Presidio Heights Tank	Sept. 29	Clear	269	115	154
89	Clarendon Heights Tank	Sept. 29	Clear	275	111	164

OCTOBER, 1910

98	Lake Merced, South	Oct. 17	Turbid	256	72	184
99	North Lake Merced	Oct. 17	Slight turbidity	269	65	204
100	Potrero Heights Reservoir	Oct. 17	Clear	248	90	148
101	College Hill Reservoir	Oct. 17	Clear	145	61	74

PROPERTIES OF THE SPRING VALLEY WATER COMPANY—Continued
1,000,000)

Chlorine.....	Nitrogen as				Oxygen Consumed.....	REMARKS, DEPTH AT WHICH SAMPLES TAKEN—
	Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia...		
20	None	0.32	0.002	0.018	2	9' in tank.
57	None	None	0.008	0.284	4	19' 6" in lake, 6' below surface.
21	0.001	None	0.008	0.274	3	18' in reservoir, 6' below surface.
56	None	None	0.008	0.263	4	19' in lake, taken 6' below surface.
20	None	None	0.008	0.338	3	16' 6" in reservoir, 6' below surface.
32	None	None	0.008	0.150	3	27' in lake, taken from screen house.
21	0.003	None	0.002	0.114	2	6' below surface
19	None	None	0.002	0.060	2	9' 8"
27	None	None	0.008	0.102	2	14' 5"
27	None	None	0.002	0.080	2	2'
21	None	None	0.002	0.082	2	21' 8"
21	None	None	0.002	0.060	3	5' 6"

55	None	None	.006	.174	3	22' 6"
56	None	None	.008	.164	3	22'
23	None	None	.008	.128	2	16' 3"
42	None	None	.012	.184	3	28'
21	None	None	.008	.148	3.5	
22	None	None	.008	.044	2	9' 8"
33	None	None	.002	.100	2	14' 8"
29	None	None	.002	.100	2	2'
22	None	None	.100	.084	2	21' 10"
21	None	None	.012	.094	2	10' 8"

55	None	None	.002	.208	3	27'
56	None	None	.006	.282	4	22' 6"
21	None	None	.002	.176	3	18'
21	None	None	.004	.152	2.5	14'

REPORT OF THE ANALYSIS OF SAMPLES OF WATER TAKEN FROM THE

(Parts per

Lab. No.....	SOURCE	Date	Clear or Turbid...	Total Solids	Loss on Ignition	Fixed Residue
102	University Mound Reservoir.....	Oct. 17	Clear	231	91	140
103	Lake Honda	Oct. 17	Turbid	231	74	157
105	Clay Street Tank.....	Oct. 18	Clear	250	50	200
106	Lombard Street Reservoir	Oct. 18	Slight turbidity	229	74	155
107	Francisco Street Reservoir	Oct. 18	Clear	225	73	152
108	Presidio Heights Reservoir	Oct. 18	Clear	231	65	166
109	Clarendon Heights.....	Oct. 18	Clear	221	74	147

NOVEMBER, 1910—

114	Lake Honda Reservoir	Nov. 9	Slight turbidity	207	60	147
115	University Mound Reservoir	Nov. 9	Clear	238	71	167
116	Potrero Heights Reservoir.....	Nov. 9	Clear	216	79	137
117	College Hill Reservoir.....	Nov. 9	Clear	143	53	90
118	North Lake Merced	Nov. 9	Turbid	277	77	200
119	South Lake Merced	Nov. 9	Turbid	269	61	208
120	Clarendon Heights	Nov. 10	.....	222	83	139
121	Clay Street Reservoir	Nov. 10	Clear	244	80	164
122	Francisco Street Reservoir	Nov. 10	Clear	246	98	148
123	Lombard Street Reservoir	Nov. 10	Clear	221	69	152
124	Presidio Heights Reservoir	Nov. 10	Clear	222	62	160

DECEMBER, 1910—

131	Clarendon Heights Reservoir	Dec. 6	Clear	288	54	234
132	Clay Street Tank	Dec. 6	Clear	277	74	203
133	Presidio Heights Tank	Dec. 6	Clear	290	81	209
134	Lombard Street Reservoir	Dec. 6	Clear	246	50	196
135	Francisco Street Reservoir	Dec. 6	Slight turbidity	281	68	213
136	Potrero Heights Reservoir	Dec. 6	Clear	147	48	99
137	College Hill Reservoir	Dec. 6	Clear	282	69	213
138	University Mound Reservoir	Dec. 6	Turbid	248	70	178

PROPERTIES OF THE SPRING VALLEY WATER COMPANY—Continued

1,000,000.)

Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	REMARKS, DEPTH AT WHICH SAMPLES TAKEN—
	Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia.....		
21	None	None	.002	.126	3	17' 6"
42	None	None	.022	.216	3	27' 9"
21	None	None	.002	.046	2	9' 8"
32	.001	None	.022	.114	2	13' 8"
21	None	None	.006	.118	2	27'
21	None	None	.008	.112	2	23' 8"
21	None	None	.006	.102	2	8' 2"

41	.003	None	.056	.252	3	27'
23	None	None	.026	.268	2	18' 10"
22	.001	None	.012	.174	2	18' 2"
22	None	None	.012	.206	2	15' 4"
62	None	None	.020	.626	4	17' 6"
59	.003	None	.012	.446	3	16' 11"
23	None	None	.022	.150	2	9' 2"
23	None	1	.018	.108	2	9'
23	None	None	.016	.130	2	2'
37	None	None	.040	.138	2	14'
23	None	None	.028	.138	2	25'

24	None	0.4	.024	.104	1	6' 9"
24	None	0.3	.014	.108	1	8' 9"
24	None	0.5	.022	.096	1	24' 6"
40	.001	Trace	.032	.130	2	13' 4"
25	None	Trace	.036	.106	1	2' 0"
27	.002	0.4	.016	.190	2	18' 0"
22	None	None	.024	.202	2	14' 2"
24	None	0.6	.032	.188	1	16' 1"

REPORT OF THE ANALYSIS OF SAMPLES OF WATER TAKEN FROM THE

(Parts per

Lab. No.	SOURCE	Date	Clear or Turbid....	Total Solids.....	Loss on Ignition..	Fixed Residue.....
139	South Lake Merced	Dec. 6	Turbid	290	79	211
140	North Lake Merced	Dec. 6	Turbid	246	59	187
141	Lake Honda	Dec. 6	Clear	277	71	206

JANUARY, 1911—

147	Lake Honda Reservoir	Jan. 23	Turbid	208	68	140
148	Potrero Heights Reservoir	Jan. 23	Clear	288	91	197
149	College Hill Reservoir	Jan. 23	Turbid	144	51	90
150	University Mound Reservoir	Jan. 23	Clear	296	60	236
151	North Lake Merced	Jan. 23	Slight turbidity	223	71	152
152	South Lake Merced	Jan. 23	Slight turbidity	211	43	168

FEBRUARY, 1911—

159	Clarendon Heights Tank	Feb. 6	Clear	257	55	202
160	Presidio Heights Tank	Feb. 6	Clear	255	76	179
161	Francisco Street Reservoir	Feb. 6	Clear	248	75	173
162	Clay Street Tank	Feb. 6	Clear	251	75	176
163	Lombard Street Reservoir	Feb. 6	Clear	225	75	150
164	University Mound Reservoir	Feb. 20	Turbid	136	48	98
165	Potrero Heights Reservoir	Feb. 20	Clear	215	60	155
166	College Hill Reservoir	Feb. 20	Turbid	151	44	107
167	S. Merced Lake	Feb. 20	Turbid	251	52	199
168	N. Merced Lake	Feb. 20	Turbid	258	67	191
169	Lake Honda	Feb. 20	Turbid	170	47	123
170	Clay Street Tank	Feb. 28	Clear	260	72	188
171	Lombard Street Reservoir	Feb. 28	Turbid	204	66	138
172	Francisco Street Reservoir	Feb. 28	Clear	220	70	150
173	Presidio Heights Tank	Feb. 28	Clear	210	64	146
174	Clarendon Heights Tank	Feb. 28	Clear	225	71	154

PROPERTIES OF THE SPRING VALLEY WATER COMPANY—Continued

1,000,000.)

Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	REMARKS, DEPTH AT WHICH SAMPLES TAKEN—
	Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia.....		
61	None	None	.040	.466	5	16' 5"
62	None	None	.018	.466	6	17' 0"
49	.005	None	.026	.334	3	27' 0"

41	None	None	.126	.370	3	28' 6"
20	None	1.4	.048	.130	1	18' 0"
22	None	None	.028	.248	2	15' 4"
20	None	1.4	.016	.082	1	15' 3"
42	None	None	.096	.118	1	23' 3"
42	None	None	.056	.118	1	24' 6"

19	0	0	.022	.150	1	6' 11"
19	0	0	.022	.098	1	22' 5"
18	Traces	0	.036	.134	1	2'
21	0	0	.038	.128	1	8' 7"
32	0	0	.030	.156	1	13' 9"
20	.003	0	.022	.142	1	15' 2"
19	.007	0	.022	.318	1	18' 0"
20	.008	0	.012	.370	1	15' 0"
53	.002	0	.050	.342	1	17' 8"
53	.002	0	.012	.530	3	18' 0"
26	.010	0	.028	.132	2	10' 0"
21	0	0.7	.022	.050	1	8' 6"
29	0	0	.040	.148	1	14' 0"
17	0	0.7	.056	.162	1	2' 0"
18	0	0.6	.086	.162	1	24' 6"
17	0	0.8	.022	.096	1	9' 9"

REPORT OF THE ANALYSIS OF SAMPLES OF WATER TAKEN FROM THE

(Parts per

Lab. No.	SOURCE	Date	Clear or Turbid...	Total Solids	Loss on Ignition...	Fixed Residue
MARCH, 1911—						
175	Potrero Heights Reservoir.....	Mar. 13	Turbid	209	67	142
176	College Hill Reservoir.....	Mar. 13	Turbid	140	51	89
177	University Mound Reservoir.....	Mar. 13	Turbid	140	46	94
178	South Lake Merced	Mar. 13	Turbid	258	69	189
179	North Lake Merced	Mar. 13	Turbid	252	63	189
180	Lake Honda	Mar. 13	Turbid	145	56	89
181	Francisco Street Reservoir.....	Mar. 20	Clear	240	50	190
182	Clarendon Heights Tank.....	Mar. 20	Clear	239	53	186
183	Clay Street Tank.....	Mar. 20	Clear	256	73	183
184	Presidio Height Tank.....	Mar. 20	Clear	233	48	185
185	Lombard Street Reservoir.....	Mar. 20	Clear	170	50	120
APRIL, 1911—						
195	Lake Honda	Apr. 11	Turbid	129	46	83
196	University Mound Reservoir	Apr. 11	Clear	245	51	194
197	College Hill Reservoir	Apr. 11	Clear	134	48	86
198	Potrero Heights Reservoir	Apr. 11	Clear	243	65	187
199	North Lake Reservoir	Apr. 11	Turbid	247	73	174
200	South Lake Reservoir	Apr. 11	Turbid	251	64	187
205	Clay Street Tank	Apr. 12	Clear	205	65	141
206	Lombard Street Reservoir	Apr. 12	Turbid	188	50	138
207	Francisco Street Reservoir	Apr. 12	Clear	233	66	167
208	Presidio Heights Tank	Apr. 12	Clear	250	63	187
209	Clarendon Heights Tank	Apr. 12	Turbid	256	56	200
MAY, 1911—						
219	North Merced lake	May 1	Turbid	205	61	145
220	South Merced Lake	May 1	Turbid	210	60	141
221	Lake Honda	May 1	Clear	142	61	80

PROPERTIES OF THE SPRING VALLEY WATER COMPANY—Continued
1,000,000.)

Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	REMARKS, DEPTH AT WHICH SAMPLES TAKEN—	
	Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia...			
20	.003	0	.016	.136	1	18'	5"
20	0	0	.016	.126	1	14'	6"
20	.001	0	.026	.140	2	17'	1"
52	0	0	.056	.468	4	18'	6"
53	0	0	.022	.428	4	18'	0"
21	0	0	.030	.152	2	27'	0"
19	0	1	.008	.044	1	3'	0"
19	0	1	.016	.056	1	8'	7"
19	0	1	.012	.062	1	8'	8"
19	0	0.8	.026	.082	2	23'	0"
21	0	trace	.028	.114	3	14'	2"

20	0	0	.042	.090	1	27' 6"
18	0	1	.018	.088	1	16' 6"
20	.012	0	.082	.096	2	15' 0"
18	.010	0.8	.018	.086	1	17' 6"
52	0	0	0.008	0.180	2	20' 0"
52	0	0	.012	.174	2	19' 6"
18	0	0.9	.016	.070	1	9' 2"
19	.001	0.2	.012	.096	2	13' 8"
18	.003	0.7	.016	.090	1	2' 0"
18	0	0.8	.012	.082	1	
17	0	0.8	.012	.046	1	

55	0	0	.008	.342	4	
55	0	0	.008	.350	4	
20	.002	0	.012	.102	2	

REPORT OF THE ANALYSIS OF SAMPLES OF WATER TAKEN FROM THE

(Parts per

Lab. No.....	SOURCE	Date	Clear or Turbid....	Total Solids.....	Loss on Ignition...	Fixed Residue.....
222	Potrero Heights Reservoir	May 1	Clear	231	83	148
223	College Hill Reservoir	May 1	Clear	142	56	86
224	University Mound Reservoir	May 1	Clear	143	62	81
225	Clay Street Tank	May 8	Clear	261	77	184
226	Lombard Street Reservoir	May 8	Clear	186	55	131
227	Francisco Street Reservoir	May 8	Clear	248	81	167
228	Presidio Heights Tank	May 8	Clear	248	77	171
229	Clarendon Heights Tank	May 8	Clear	200	48	152

JUNE, 1911—

236	Potrero Heights Reservoir	June 5	Clear	228	52	176
237	College Hill Reservoir	June 5	Clear	125	30	95
238	University Mound Reservoir	June 5	Clear	251	65	136
239	North Lake Merced	June 5	Turbid	269	65	204
240	South Lake Merced	June 5	Turbid	276	72	204
241	Lake Honda	June 5	Clear	145	42	103
242	Clay Street Tank	June 5	Clear	255	74	131
243	Lombard Street Reservoir	June 5	Turbid	180	55	125
244	Francisco Street Reservoir	June 5	Clear	250	68	182
245	Presidio Heights Tank	June 5	Clear	253	63	190
246	Clarendon Heights Tank	June 5	Clear	257	58	199

PROPERTIES OF THE SPRING VALLEY WATER COMPANY—Continued
1,000,000.)

Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	REMARKS, DEPTH AT WHICH SAMPLES TAKEN—
	Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia....		
19	.007	0	.008	.122	2	
19	0	0	.008	.122	3	
19	0	0	.008	.118	3	
19	0	0.7	.012	.090	2	9' 6"
20	0	0.3	.008	.106	3	
19	0	0.4	.008	.138	2	2' 6"
19	0	0.4	.022	.102	2	21' 8"
18	0	0.4	.028	.090	2	8' 9"

19	0	0	.013	.152	1	18' 0" in reservoir.
20	0	0	.018	.152	2	14' 8" in reservoir.
19	0	0	.012	.170	1	16' 6" in reservoir.
57	0	0	.020	.326	3	20' 9" in lake.
57	0	0	.018	.328	3	20' 3"
20	0	0	.008	.146	1	Hydrant.
19	0	0.8	.012	.078	1	9' 1"
22	0	0	.012	.178	1	12' 0"
19	0	0	.012	.148	1	2' 0"
19	0	0	.012	.100	1	24' 0"
19	0	0	.012	.080	1	9' 7"

Report of Bacteriologist

LABORATORY REPORTS.

Report of Bacteriologist Sidney R. Dannenbaum, M. D., for the Fiscal Year Ending June 30, 1911.

E. G. Kendall, Assistant Bacteriologist.

Month.	Diphtheria		Tuberculo- sis (Sputum)		Widal Reactions										
	Positive.....	Negative.....	No Growth...	Total.....	Positive.....	Negative.....	Total.....	Other examinations..	Milk.....	Water.....	Fumigations...	Total.....			
1910.															
July.....	41	76	3	120	9	17	26	6	16	22	9	23	41	20	261
August.....	29	84		113	10	21	31	5	27	32	5	12	33	16	272
September.....	25	73		98	18	39	57	3	32	34	3	83	25	9	299
October.....	34	71		104	25	32	57	1	26	27	4	90	13	8	320
November.....	28	94		122	14	44	58	3	23	26	17	11	17	5	351
December.....	21	143	1	167	19	47	66	12	32	44	8	93	16	7	403
1911.															
January.....	36	134		170	14	50	64	1	10	11	5	96	6	6	358
February.....	28	111		139	13	46	59		16	16	2	71	20	6	313
March.....	11	123		134	17	49	66		13	13	5	93	15	4	320
April.....	14	97		111	15	45	60	1	19	20	5	79	29	2	306
May.....	21	97		118	14	52	66	2	16	18	3	109	18	4	431
June.....	9	71		80	6	40	46	2	21	23	5	79	21	4	258
Total.....	298	1171	4	1473	171	592	676	38	245	283	76	1061	254	91	3914

BACTERIOLOGICAL EXAMINATION OF MILK.

JULY 1910 TO JUNE 1911 INCLUSIVE.

No. of samples containing less than	10,000 bacteria per cc.....	102
No. of samples containing between	10,000 and 50,000 bacteria per cc..	497
No. of samples containing between	50,000 and 100,000 bacteria per cc..	247
No. of samples containing between	100,000 and 500,000 bacteria per cc..	151
No. of samples containing between	500,000 and 1,000,000 bacteria per cc..	54
No. of samples containing between	1,000,000 and 10,000,000 bacteria per cc..	10
Total	.....	<u>1,061</u>

BACTERIOLOGICAL EXAMINATION OF SPRING VALLEY WATER CO.'S WATERS
JULY, 1910, TO JUNE, 1911, INCLUSIVE.

MONTH	College Hill Res.		Potrero Heights Res.		University Md. Res.		N. Lake Merced		S. Lake Merced	
	Bact. per cc.....	Bact. coli. com..	Bact. per cc.....	Bact. coli. com..	Bact. per cc.....	Bact. coli. com..	Bact. per cc.....	Bact. coli. com..	Bact. per cc.....	Bact. coli. com..
1910										
July	536	Absent	838	Absent	1200	Absent	125 220 250 1250	Absent Absent Absent Absent	94 230 1100	Absent Absent Absent
August	120	Absent	8500	Absent	450	Present	950	Absent	640	Absent
September	2200	Absent	1500	Absent	2500	Present	315	Absent	116	Absent
October	420	Absent	2100	Absent	80	Absent	218	Absent	6400	Present
November	780	Absent	320	Absent	300	Absent	520	Absent	640	Absent
December	250	Absent	3200	Absent	260	Absent	450	Absent		
1911										
January	530	Absent	420	Absent	360	Absent	218	Absent	340	Absent
February	420	Absent	320	Absent	192	Absent	240	Absent	96	Absent
March	316	Absent	410	Absent	218	Absent	640	Absent	440	Absent
April	126	Absent	720	Absent	96	Absent	230	Absent	150	Absent
May	180	Absent	320	Absent	110	Absent	740	Absent	860	Absent
June	260	Absent	400	Absent	180	Absent	380	Absent	68	Absent

BACTERIOLOGICAL EXAMINATION OF SPRING VALLEY WATER CO.'S WATERS
JULY, 1910, TO JUNE, 1911, INCLUSIVE

MONTH	Lake Honda		Clay St. Tank		Francisco St. Res.		Lombard St. Res.		Presidio Hghts Tank		Clarendon Hghts. Tank	
	Bact. per cc.....	Bact. coli. com..	Bact. per cc.....	Bact. coli. com..	Bact. per cc.....	Bact. coli. com..	Bact. per cc.....	Bact. coli. com..	Bact. per cc.....	Bact. coli. com..	Bact. per cc.....	Bact. coli. com..
1910.												
July.....	316 115 480	Present Absent Absent	520 260	Present Absent	652	Absent	840	Absent	320 425	Absent Absent	648	Absent
August.....	850 400	Absent Absent	150 60	Absent Absent	2560 1800	Absent Absent	640 2100	Absent Absent	600 760	Absent Absent	800 500	Absent Absent
September.....	540	Absent	115	Absent	230	Absent	450	Absent	84	Absent	250	Absent
October.....	460	Absent	120	Absent	618	Absent	4200	Absent	150	Absent	230	Absent
November.....	320	Absent	280	Absent	640	Absent	190	Absent	130	Absent	110	Absent
December.....	650	Absent	280	Absent	510	Absent	200	Absent	86	Absent		
1911												
January.....	460	Absent	320	Absent	850	Absent	670	Absent	240	Absent	180	Absent
February.....	600	Absent	250	Absent	980	Absent	1200	Absent	180	Absent	230	Absent
March.....	170	Absent	180	Absent	520	Absent	460	Absent	96	Absent	140	Absent
April.....	280	Absent	220	Absent	280	Absent	350	Absent	110	Absent	120	Absent
May.....	160	Absent	280	Absent	720	Absent	350	Absent	350	Present	210	Absent
June.....			130	Absent	760	Absent	520	Absent	400	Absent	340	Absent

City and County Hospital

City and County Hospital, July 1, 1911.

To the Honorable, the Board of Health,
City and County of San Francisco.

Gentlemen:—I have the honor to submit in the following pages the report of the City and County Hospital for the Fiscal Year 1910-1911.

Respectfully submitted,

A. H. WHITE, M. D.
Warden City and County Hospital.

RESIDENT STAFF.

A. H. White, M. D., Warden.
Wm. C. Mackintosh, M. D., R. P.
Geo. M. Bradfield, M. D., Res. Phys.

HOUSE PHYSICIANS AND SURGEONS.

J. C. Ferrell, M. D.	G. Hoskins, M. D.
A. R. Howard, M. D.	I. B. Wilson, M. D.
J. H. Legris, M. D.	J. T. Ray, M. D.
Jas. Robertson, M. D.	C. A. Bell, M. D.
J. V. De Leon, Jr., M. D.	J. K. Stewart, M. D.

Olive McGinnis, Supt. of Nurses.	J. H. Hubachek, Apothecary.
C. P. H. Clasby, Commissary Clerk and Bookkeeper.	W. J. Daly, Asst. Commissary.
Geo. J. Plato, Receiving Clerk and Secretary.	M. J. DeWood, Chef.
	E. S. Nye, Hospital Steward.

VISITING STAFF.

Cooper Medical College—	Dr. Emmet Rixford
Dr. J. O. Hirschfelder	Dr. Sol Hyman
Dr. J. B. Frankenheimer	Dr. R. L. Rigdon
Dr. Wm. Ophuls	Dr. R. E. Peck
Dr. E. C. Dickson	Dr. Edw. C. Sewell
Dr. Geo. B. Somera	Dr. A. B. McKee
Dr. Frank P. Topping	
College of Physicians & Surgeons—	Dr. Geo. L. Eaton
Dr. S. R. Dausenbaum	Dr. Morris Silverberg
Dr. Bertram Stone	Dr. Ethan H. Smith
Dr. Gustav Taubles	Dr. A. Newman
Dr. W. F. Southard	Dr. A. S. Weise
Dr. Burritt N. Dow	Dr. A. C. McKean

College of Physicians & Surgeons—Continued—

Dr. J. W. Calnon	Dr. C. A. DuPuy
Dr. Geo. C. Macdonald	Dr. Geo. Goodale
Dr. Winslow Anderson	Dr. C. E. French
Dr. Bertha Wagner Stark	Dr. W. B. Kearney
Dr. C. A. Dukes	Dr. Dodsworth
Dr. R. Cadwalader	Dr. H. McNulty

Hahnemann Medical College—

Dr. T. C. McConkey	Dr. Gates Bennett
Dr. Guy E. Manning	Dr. E. R. Bryant
Dr. G. B. Garlick	Dr. J. W. Ward
Dr. A. C. Peterson	Dr. A. Minaker
	Dr. R. F. Tomlinson

University of California—

Dr. Wm. Watt Kerr	Dr. Adelbert W. Lee
Dr. Geo. E. Ebricht	Dr. W. G. Moore
Dr. Milton B. Lennon	Dr. Wallace I. Terry
Dr. Wilfred F. Beerman	Dr. Carl S. C. Nagel
Dr. Paul Castlehun	Dr. W. S. Franklin
Dr. Chas. A. Von Hoffman	Dr. A. J. Houston
Dr. Edw. Alexander	Dr. T. G. Russell
	Dr. Leo Eloesser

San Francisco Polyclinic—

Dr. H. D'Arcy Power	Dr. Henry Horn
Dr. Philip K. Brown	Dr. Chas. G. Levison
Dr. Emile Schmoll	Dr. Chas. G. Levison
Dr. L. S. Mace	Dr. H. A. L. Ryfkogel
Dr. L. D. Mead	Dr. G. W. Barrett
Dr. H. I. Weil	Dr. Tracy Russell
Dr. Edw. Taussig	Dr. P. Campiche
Dr. W. F. Beerman	Dr. H. E. Castle
Dr. W. Alvarez	Dr. M. Molony
Dr. H. Kreutzman	Dr. Jas. B. Hanna
Dr. F. B. Carpenter	Dr. Leo Newmark
Dr. Cullen F. Welty	Dr. Leo Hunter
Dr. A. J. Zobel	Dr. A. B. Rose
	Dr. Davenport

Among the most beneficial results as observed by the clinicians of the City and County Hospital is the diminution of venereal cases in the male the last few months of the fiscal year. This desideratum has undoubtedly been brought about by the advent of the so-called "Municipal Clinic." This institution has been organized and maintained by the Honorable Board of Health and has for its objects the purposes the limiting or stopping of the supply of venereal infection, by forcing each prostitute to submit to a bi-weekly examination. The female is either sent to the City and County Hospital or treated at the Clinic and the decrease in the ratio of venereal cases is very gratifying indeed; what was tried as an experiment has proven among the most valuable assets to the health of San Francisco.

The new San Francisco Hospital rapidly nearing completion is the most imposing group of buildings in San Francisco. The steel work is completed and the brick work 98% completed. The Nurses' Home is plastered as is also four of the Ward Buildings, and unless something unforeseen occurs, the entire group should be ready for occupancy within the next fiscal year.

The Tubercular patients are to be housed in a temporary \$30,000 group of wooden buildings consisting of 7 buildings; 6 lean-tos, 2 of which are double deckers, and an administration building. The plan is similar to that accepted as the most modern elsewhere but there are a number of modifications, among

which are the fact that the Diet Kitchens are separate and that the buildings are nothing but dormitories.

It seems as though measures should be at once taken by those in authority to put these unfortunate patients in places outside of a city. It also seems as though the Federal Government should be aroused to action to care for this class of patients as their disease is lasting and communicable and no municipality should be expected to bear the expense.

SAN FRANCISCO TRAINING SCHOOL FOR NURSES.

The following is the report of the twentieth year of the San Francisco Training School for Nurses.

	Remaining June 30, 1911	Transferred from	Dismissed	Resigned	Graduated	Transferred to	Entered	Remaining July 1, 1910
Graduates.....	9				2		1	8
Third Year Pupils.....	0				12		4	7
Seniors.....	15		1			11		16
Juniors.....	5	11		1		8		9
Probationers.....	18	8	1	3			28	12
Total	50	19	2	1	14	19	33	37

Eleven pupils sent to Children's Hospital for a term of 6 weeks each for maternity training.

SAN FRANCISCO TRAINING SCHOOL FOR ORDERLIES.

Following is report of third year of San Francisco Training School for Orderlies

	Remaining June 30, 1911	Transferred from	Dismissed	Resigned	Graduated	Transferred to	Entered	Remaining July 1, 1910
Graduates.....	2				3		1	4
Seniors.....	2		2			2		2
Intermediate.....	4	2					9	1
Juniors.....	4							1
Total	8	2	1	2	3	2	10	7

Instruction has been given in the following subjects during the year:

TO THE NURSES.

Fever Nursing (1st Class), 14 lessons; Miss McGinnes.

Bacteriology (1st Class), 6 lessons; Dr. Somers.

Hygiene (1st Class), 6 lessons; Miss McGinnes.

Dietetics (1st Class), 12 lessons; Miss A. May.

Materia Medica (1st Class), 12 lessons; Dr. Bradfield.

Anatomy (1st Class), 12 lessons; Dr. Castle.

Anatomy (2nd Class), 12 lessons; Miss McGinnes.

Obstetrics (Lectures at Alexander Maternity), Dr. Adelaide Brown.

Practical Nursing and Demonstrations (1st Class), 10 lessons; Miss McGinnes.

Practical Nursing and Demonstrations, 10 lessons; Miss McGinnes.

Bandaging (1st Class), 6 lessons; Dr. Smith.

TO THE ORDERLIES.

Bandaging, 6 lessons; Dr. Smith.

Practical Nursing and Demonstrations, 12 lessons; Miss McGinnes.

Anatomy and Physiology, 12 lessons; Dr. Bradfield.

Hygiene, (2nd Class), 6 lessons; Miss McGinnes.

Bacteriology, 6 lessons; Dr. Somers.

Materia Medica, 12 lessons; Dr. Bradfield.

MOVEMENT OF POPULATION.

STATEMENT OF PATIENTS ADMITTED, DISCHARGED AND DIED DURING THE FISCAL YEAR 1910-11.

	DISCHARGED											
	Admitted.....	Born.....	Cured.....	Improved.....	Unimproved.....	Own request.....	Refused treatment	Removed by friends or relatives.....	Insubordination.....	Referred to Insanity Comm.....	Sent to Relief Home.....	Sent to Infirmary
1910—												
July.....	217		36	94	13	1				1	12	7
August.....	204		28	99	9						16	13
September.....	253		33	114	13			2		1	15	8
October.....	213		36	90	22	1		1		2	2	35
November.....	292		52	86	7	2						8
December.....	184		36	78	9	2		1		1	8	6
1911—												4
January.....	201		31	104	7	1					2	58
February.....	219		42	70	8			1		1		50
March.....	217		56	79	21			1		2	4	11
April.....	267		43	98	13	1		1			5	17
May.....	359		58	119	18	1				3	1	10
June.....	390		45	133	24					1	11	178
Total.....	2786		478	1164	164	11		7		14	76	99
												339
												412.87

Remaining in Hospital July 1, 1910..... 372
 Admitted during year..... 2,796

Discharged and Died during year..... 3,168

Remaining in Hospital June 30, 1911..... 437

133

133

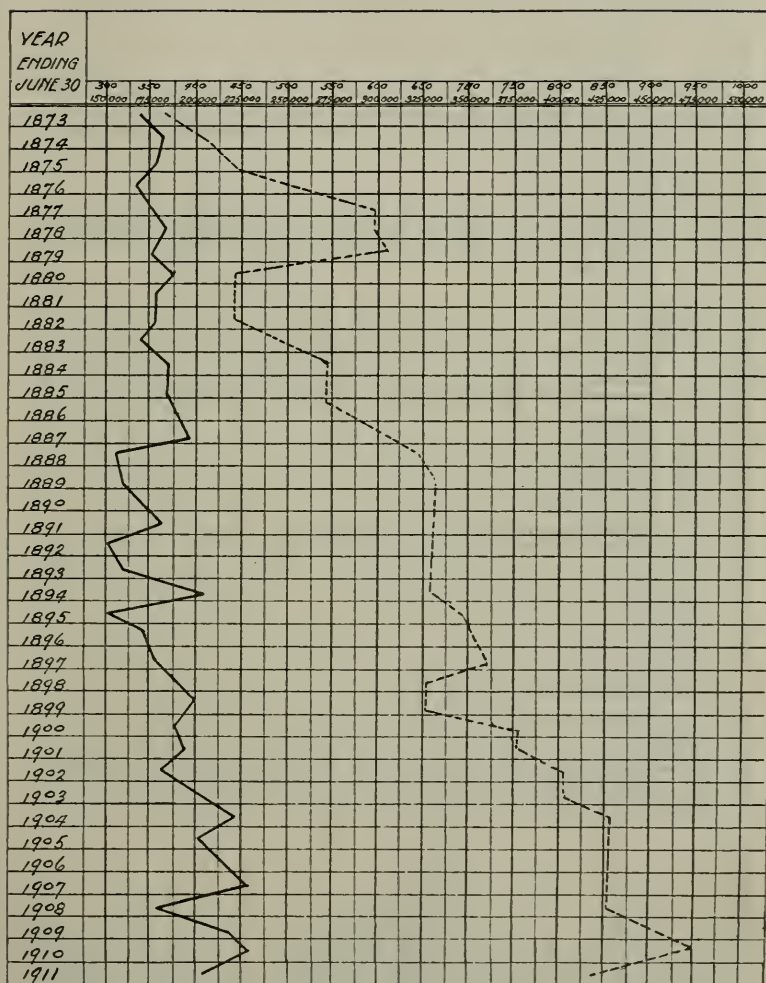
Administration—		
Salaries Officers and Clerks	\$	5,875.85
Office Expenses		72.80
Professional Care of Patients—		
Salaries—Physicians		4,763.20
Graduate Nurses		7,852.00
Pupil Nurses		3,560.70
Orderlies		8,393.70
Surgical Instruments		421.11
Dispensary—		
Salaries		2,503.00
Supplies		8,491.80
Departments—		
Stable—		
Labor		2,189.35
Supplies		2,442.14
Housekeeping—		
Labor		3,648.25
Supplies		4,391.14
Kitchen—		
Labor		10,615.40
Supplies		149.75
Laundry		3,910.50
Steward's Department—		
Supplies—		
Labor		2,787.35
Bread		3,210.48
Milk		9,517.80
Groceries		10,238.74
Butter and Eggs		17,177.16
Fruit and Vegetables		3,374.23
Meat and Fish		13,578.00
General House Expense—		
Labor		4,855.90
Coal and Gasoline		6,315.26
Coal Oil and Lighting Supplies.....		108.50
Ice		413.60
Maintenance of Grounds and Buildings—		
Labor		2,725.35
Supplies		963.75
Miscellaneous		125.50
		<hr/>
		\$144,672.31
Care of Patients in Private Hospitals		51,201.22
		<hr/>
		\$195,873.53
Average Total Expense per month	\$	12,056.02
Average Number of Patients		417
Average Number Employees		153
Average Daily Subsistence Expense per Person.....		.287
Average Daily Subsistence Expense per Patient .....		.39
Average Total Daily Expense per Patient .....		.95

DRUG ROOM EXPENDITURES, FISCAL YEAR 1910-1911.

Adhesive Plaster	\$ 305.02
Alcohol	164.50
Biological Products	612.31
Cotton	375.30
Cuspidor Refills	789.91
Drugs	2,553.74
Ether, Chloroform and Ethyl Chloride	128.95
Gauze	1,178.09
Ligatures and Catgut	112.46
Lint	261.00
Liquors	444.23
Miscellaneous	164.60
Oil Silk and Muslin	66.69
Rubber Gloves	220.16
Rubber Sundries	341.89
Salaries	2,503.00
Sundries	772.95
	<hr/>
	\$10,994.80

TABLE SHOWING RELATION OF THE POPULATION OF THE CITY TO
THE AVERAGE NUMBER OF PATIENTS IN THE CITY
AND COUNTY HOSPITAL.

..... Population of City.
——— Patients in Hospital.



[illegible]

[illegible]

[illegible]

SURGICAL OPERATIONS DURING THE FISCAL YEAR JULY 1, 1910,
JUNE 30, 1911.

Head, Scalp—		Adenectomy, Inguinal		3
Abcess, incision	3	Appendectomy		20
Cancer, cauterization	1	Bowel, resection		1
Carcinoma, curettement	1	Cholecystotomy		1
Cyst, excision	1	Colostomy		1
Skull, open'g infected wound	1	Exploratory incisions		1
Trephining	5	Gastroectomy		4
Tumor, excision	2	Gastrostomy		1
Face—		Gastroenterostomy		1
Abcess, incision	3	Gastroenterostomy and Gas-		1
Carcinoma, excision	1	trectomy		
Frontal sinus, opening	1	Herniotomy, inguinal		22
Glossectomy and Mandible		Herniotomy, umbilical		1
resection	1	Herniotomy, inguinal, double		2
Lip, plastic operation	1	Herniotomy, ventral		1
Lip, Epithelioma excision	8	Laparotomy, curettement		1
Mandible, wiring	1	Laparotomy, exploratory		4
Nose, plastic operation	2	Laparotomy, rupturing ad-		
Plastic operation	1	hesions		1
Rodent Ulcer, excision	1	Liver, abcess, incision		1
Sequestrectomy, Mandible	1	Nephropexy		1
Ulcer, excision	1	Pyloroplasty		1
Ulcer, curetting	1	Pelvis—		
Eye—		Curettage		16
Enucleation	2	Fixation, ventral		5
Iridectomy	2	Laparotomy, exploratory		3
Nose—		Laparosalingeectomy		3
Rhinoplasty	7	Laparosalingeophorectomy		5
Ear—		Laparohysterosalpingo opho-		
Labyrinthitis, operation	1	rectomy		5
Mastoid, exenteration	5	Myomeetomy		1
Sk ingraft, Mastoid	2	Perineorrhaphy		3
Mouth—		Proctectomy and Hysterec-		
Staphylorrhaphy	2	tomy		1
Throat—		Salpingectomy		1
Tonsillar abcess, incision	1	Trachelorrhaphy		12
Tonsilectomy	11	Vagina, plastic operation		1
Neck—		Ventro suspension		3
Abcess, curetting	2	Perineum—		
Adenectomy, right	7	Coccyx, tumor, excision		1
Adenectomy, left	4	Coccygeotomy		1
Carbuncle, curetting	5	Prostatectomy		1
Carcinoma, curetting	1	Perineorrhaphy		7
Carcinoma, excision	1	Syringotomy		11
Carcinoma, cauterization	2	Anus, Rectum—		
Tracheotomy	2	Abcess, incision		3
Tumor, excision	3	Cauterization		1
Thyroidectomy	3	Dilatation		2
Wound, curetting	1	Hemorrhoidectomy		7
Chest—		Proctopexy		1
Aspiration	2	Rectoplasty		2
Abcess, incision	7	Genitals—		
Clavicle, wiring	3	"Bubo," excision		2
Clavicle, setting fracture	1	Circumcision		6
Mamma, amputation	1	Cystotomy		2
Ribs, resecting	6	Cystotomy, perineal		2
Skin graft	1	Epididymectomy		1
Sinus, curetting	2	Hydrocele		2
Sternum, curetting	1	Orchidectomy		2
Theracoplasty	1	Urethral dilatation		1
Axilla		Urethrectomy, internal		4
Curettement	1	Hip—		
Skin graft	1	Abcess, aspirating		1
Back		Abcess, tubercular, incision		2
Abcess, perinephritic	1	Thigh—		
Lamnectomy	1	Abcess, multiple, incision		1
Sinus, curetting	1	Femur, curettement		2
Skin graft	1	Femur, fracture, plate		1
Abdomen—		Femur, fracture, wiring		1
Arteriosclerosis, Saphenous vein		Femur wiring		1
and Peritonium	1	Femur nailing		1

Femur, removing plate.....	1	Ankle, dislocation, reduction	
Femur, tumor, excision.....	1	Cicatrix, exsection.....	
Sciatic nerve, alcohol inject.	1	Exostosis, exsection	
Knee—		Hallux valgus, operation.....	
Abscess, incision	1	Infected foot, incision	
Adhesions, rupturing	2	Necrosis, exsection	
Amputation	1	Nerve, alcoholic injection....	
Cartilages, removing	2	Os Calcis, exostosis, exsection	
Knee joint, curetting	2	Sinus, curetting	
Knee joint, resection.....	2	Toe Nails, excision.....	
Patella, removing wire.....	1	Tumor, excision	
Knee, removing wire.....	1	Shoulder—	
Necrosis, exsection	1	Amputation	
Leg—		Dislocation, reduction	
Abscess, incision	7	Dislocation, "open method"	
Amputation, secondary	6	reduction	
Anesthetization, plaster cast	1	Sinus, curetting	
Fibula, wiring	1	Arm—	
Necrosis, curetting	1	Abscess, incision	
Osteotomy	1	Elbow, dislocation, reduction	
Osteomyelitis, exsection	1	Elbow, incision	
Tenotomy	1	Humerus, head, resection.....	
Tibia, curetting	4	Humerus, crushed head, ex-	
Tibia, fracture, plate.....	2	section	
Tibia, wiring	2	Intra venous injection "Sal-	
Tibia and Fibula, fracture,		varsan"	
wiring plate	1	Neuroplasty, circumflex nerve	
Skin graft	8	Radius, wiring	
Sequestrectomy	4	Triceps muscle, loosening....	
Ulcer, excision	1	Ulna, fracture, wiring.....	
Ulcer, curetting	1	Hand—	
Varicotomy	16	Abscess, excision	
Foot—		Fingers, amputation	
Amputation		Infected wound, curetting....	
Amputation, toe		Lipoma, excision	
Ankle, operation		Tendo plasty	
		Wrist, curetting	

NATIVITY OF FOREIGN BORN PATIENTS WHO HAVE BEEN DISCHARGED
OR DIED DURING FISCAL YEAR 1910-1911.

Alsace	6	Italy	83
Asia	2	Japan	11
Africa	4	Korea	2
Argentine Republic	3	Mexico	24
Australia	8	New Zealand	3
Austria	35	Norway	52
Belgium	11	Nova Scotia	11
Canada	41	Porto Rico	8
Central America	2	Peru	2
China	48	Portugal	6
Chile	7	Russia	31
Denmark	42	Scotland	62
England	113	Spain	32
Finland	22	Sweden	82
France	28	Syria	1
Germany	192	Switzerland	29
Greece	32	Turkey	3
Holland	6	Wales	6
Hungary	1	West Indies	8
Ireland	321	Philippine Islands	2

OCCUPATIONS OF PATIENTS WHO HAVE BEEN DISCHARGED OR DIED
DURING THE FISCAL YEAR 1910-1911.

Actress	1	Lathers	8
Agents	2	Lumbermen	3
Bookkeeper	2	Laborers	541
Box Maker	2	Locksmiths	1
Bell Boys	5	Laundry Workers	9
Blacksmiths	12	Liquor Dealers	1
Butchers	16	Longshoremen	32
Brewers	2	Moulders	4
Broom Makers	3	Miners	28
Barbers	2	Millmen	7
Bakers	18	Mattressmakers	2
Bricklayers	2	Musicians	2
Bartenders	29	Minors	182
Boilermakers	9	Marine Firemen	19
Bedmakers	8	Nurses	9
Brakemen	3	Newspapermen	2
Brass Worker	5	Newsboys	5
Cement Workers	11	Physicians	1
Coopers	5	Printers	9
Cooks	83	Plumbers	21
Clerks	48	Pantrymen	8
Carpenters	49	Pavers	2
Car Repairer	1	Painters	49
Chauffeurs	4	Porters	29
Coppersmiths	1	Peddlers	23
Cigar Makers	6	Plasterers	14
Carriage Painters	1	Riggers	2
Conductors	3	Salesmen	13
Cabinet Makers	4	Showman	1
Domestics	193	Stvedores	13
Dishwashers	7	Stewards	8
Dressmakers	1	Stablemen	17
Expressmen	3	Surveyor	1
Elevator Operator	1	Steamfitters	8
Electrical Workers	3	Sailmakers	3
Engineers	15	Sign Writers	3
Farmers	12	Sailors	61
Firemen	11	Sheet Metal Workers	7
Fishermen	11	Solicitors	9
Glass Blowers	1	Shinglers	3
Gardeners	13	Shoemakers	13
Gasfitter	1	Switchtenders	7
Horseshoer	1	Tinsmiths	9
Housewives	183	Tailors	22
Hackmen	13	Tilesetters	1
Hostler	9	Tanners	9
Hodcarrier	5	Telegraphers	2
Harness Maker	1	Upholsterers	3
Hatter	1	Unascertained	100
Ironworkers	18	Wagon Workers	1
Janitors	11	Waiters	62
Housekeepers	31	Watchmen	9
Kitchen Hands	28	Waitresses	6
Linemen	2	Warehouseman	1

YEARLY SUMMARY.

	No. Patients Re- maining 1st year.	No. Patients Ad- mitted During Year.	Total No. Treated During Year.	Total No. Discharged During Year.	Daily Average For Year.
1872	296	2365	2561	2417	289.3
1873	244	2863	3107	2804	331.1
1874	303	3231	3534	3197	367.3
1875	337	3921	4258	3876	387.2
1876	382	3376	3758	3363	374.5
1877	295	3012	3307	3005	360.2
1878	368	3007	3375	2990	383.5
1879	351	3174	3525	3163	379.1
1880	362	2955	3317	2946	388.0
1881	371	3204	3575	3210	383.1
1882	365	3151	3516	3172	383.0
1883	344	3002	3346	2997	366.4
1884	349	3288	3637	3278	389.1
1885	359	3191	3550	3159	389.2
1886	391	3140	3531	3130	392.3
1887	401	3128	3529	3137	411.6
1888	292	2914	3206	2951	394.3
1889	255	3022	3277	2972	310.5
1890	305	3466	3771	3419	324.3
1891	352	3468	3820	3452	375.2
1892	368	4393	4761	4373	294.2
1893	288	3614	3902	3559	318.0
1894	343	3782	4125	3700	413.6
1895	425	2680	3105	2839	391.95
1896	266	3422	3688	3394	332.2
1897	294	3583	3877	3499	357.04
1898	378	4033	4411	4028	377.92
1899	383	3555	3938	3552	399.
1900	386	3836	4222	3891	377.
1901	331	4773	4104	3706	380.
1902	393	4576	4974	4603	374.
1903	371	5381	5752	5375	405.
1904	377	5241	5618	5175	443.
1905	443	4044	4487	4078	405.
1906	409	4423	4832	4379	433.
1907	453	4689	5142	4717	463.
1908	425	1827	2252	1964	263.
1909	288	2374	2662	2311	354.
1910	351	2420	2771	2399	378.
1911	372	2796	3168	2781	412.87

Daily Average of City Cases in Private Hospital—

1908	106
1909	78
1910	82
1911	100

Report of Relief Home

San Francisco, August 10, 1911.

To the
Honorable Board of Health,
San Francisco.

Gentlemen:—

I respectfully submit herewith my report for the fiscal year ending June 30, 1911, in accordance with the provisions of the Charter.

APPROPRIATION

The appropriation granted during the fiscal year by the Board of Supervisors, to wit, \$175,000.00, would have been sufficient had it not been for a fire which destroyed Building No. 3, making a deficit in our funds of \$625.00 for the fiscal year. The total cost for the present year averaged 39 cents per day for each inmate, a figure which is under that of most institutions of a like nature.

POPULATION

The average population of the Relief Home during the year 1910-1911 was 1,279. The minimum number of inhabitants was 1,235, on July 11, 1910. The maximum number of inhabitants was 1,323, on March 4th, 1911.

BURNING OF BUILDING NO. 3.

The burning of Building No. 3 will necessitate the erection of a new building at the earliest possible moment, to house the 102 inmates who occupied this building. They are at present housed in stables at the Ingleside Race Track. It was with the utmost difficulty that all the inmates of No. 3 were saved, and special mention should be made of the following employees who assisted in the removal of these patients: Jos. Tomalty, Watchman; D. M. Nicholas, Asst. Engineer; Con Cullen and many others. This fire should impress upon the minds of our Supervisors the danger of wooden buildings, and it is to be hoped that a fireproof building will replace the burned structure.

WATER SYSTEM.

The reconstruction of our water system is now under way, the Board of Supervisors having granted \$16,000.00 for this purpose. It is our intention to bore a new well 300 feet in depth, duplicate the pump now in use, put in an air lift pump, reconstruct cistern at pump house and construct a new pipe line to reservoirs, following the low levels and avoiding the deep cuts which, through their sliding in the past, have caused trouble in the winter season.

POWER PLANT.

During the year a new roof was put on our power plant which makes the building much lighter and more comfortable for the engineers and firemen working in it.

The new generator sets installed during the past year are giving perfect satisfaction and enable us to produce a surplus of electricity beyond the needs of both the Relief Home and the City and County Hospital, and being in duplicate, they insure us against any breakdown. As an additional safeguard, the San Francisco Gas and Electric Co. have run their wires to our switch board, and we are now enabled to use either our own electricity, or in case ours is not available, to get it from the city company.

IMPROVEMENTS REQUIRED.

It is to be hoped that the coming year will see our buildings thoroughly painted on the outside, as part of them are badly in need of this attention. Another improvement needed is a new floor in the dining room, as the present floor is badly worn and should be replaced by a maple floor. A new range for the kitchen is also becoming a necessity.

CHAPEL.

The chapel, which was erected through the efforts of the Catholic and Episcopal Archbishops some fifteen years ago, and at a time when the institution contained but 600 people, is too small and should be replaced by a larger structure.

Another structure which is urgently needed is a building to serve as quarters for the women employes of this institution. At the time the buildings were erected, quarters of this kind were omitted, and the women employes are occupying part of a section which is occupied by inmates. A bungalow or cottage to accommodate some 15 women employes could be erected at a moderate cost and would be a great improvement upon our present system.

Respectfully submitted,

C. M. WOLLENBERG,
Superintendent.

RELIEF HOME

157

Total number of Inmates in Relief Home July 1, 1910.....	1,253
Total number admitted during 12 months	651
Total	1,904
Number of Inmates discharged at own request.....	342
Number of Inmates discharged for cause.....	7
Number of Inmates sent to City and County Hospital.....	23
Number of Inmates sent to Insane Asylums.....	14
Number of Inmates who overstayed pass.....	93
Number of Inmates who died	160
Number of Inmates who left without permission.....	2 641
In Home July 1, 1911	1,263

SOCIAL CONDITION OF INMATES.

Single	681
Married	122
Widowed	450
Divorced	10
Total	1,263

RELIGION OF INMATES.

Catholics	714	Agnostic	2
Protestants	482	Free Thinkers	2
Greek	3	Christian Science	1
Heathen	6	Jewish	3
Atheist	1	No Religion	48
Quaker	1		
Total			1,263

RACES OF INMATES.

Caucasian	1,248
Mongolian	6
Ethiopian	9
	1,263

AGES OF INMATES.

10 to 20.....	1	60 to 70.....	463
20 to 30.....	4	70 to 80.....	397
30 to 40.....	19	80 to 90.....	107
40 to 50.....	70	90 to 100.....	6
50 to 60.....	196		
Total			1,263

NUMBER OF TIMES ADMITTED.

First time	802	Seventh time	3
Second time	314	Eighth time	3
Third time	91	Ninth time	1
Fourth time	26	Thirteenth time	2
Fifth time	11	Fourteenth time	2
Sixth time	7	Sixteenth time	1
Total			1,263

NATIVITY OF INMATES.

Australia	2	Norway	15
Austria	14	Portugal	1
Belgium	2	Russia	3
Canada	24	Scotland	27
China	6	Slavonia	1
Denmark	13	Servia	1
England	72	South America	2
Finland	3	Sweden	24
France	36	Switzerland	21
Greece	1	Wales	5
Germany	175	West Indies	2
Holland	5	Turkey	2
India	3	Jamaica	1
Ireland	447	Cape Verde Islands	1
Italy	10	United States	331
Mexico	13		
Total			1,263

BY WHOSE ORDER ADMITTED.

By the Board of Health	1,112
From the City and County Hospital	136
By Superintendent of Relief Home	15
Total	1,263

PHYSICAL CONDITION OF INMATES

Number of males blind	32
Number of females blind	7
Number of females bedridden	5
Number of males bedridden	20
Number of males crippled	157
Number of females crippled	76
Number of males able to work	367
Number of females able to work	72
Number of females convalescent	5
Number of males convalescent	18
Number of males mentally incompetent	103
Number of females mentally incompetent	77
Number of males old and infirm	215
Number of females old and infirm	100
Total	1,263

NATIVITY OF INMATES IN HOME.

Alabama	1	Mississippi	1
Arkansas	1	Missouri	3
California	46	Nebraska	1
Connecticut	2	New Hampshire	4
Florida	1	New Jersey	8
Georgia	1	New York	82
Idaho	1	North Carolina	1
Illinois	11	Ohio	24
Indiana	8	Pennsylvania	18
Iowa	2	Rhode Island	4
Kentucky	9	South Carolina	2
Louisiana	8	Tennessee	4
Maine	9	Vermont	2
Maryland	5	Virginia	4
Massachusetts	55	Wisconsin	3
Michigan	9	West Virginia	1
			<hr/>
			331
Foreign Born			932
			<hr/>
Total			1,263

OCCUPATIONS OF INMATES.

Agents	4	Cooks	64
Assayer	1	Coopers	3
Bakers	18	Dentists	2
Barbers	4	Domestics	163
Bedmakers	1	Druggists	0
Blacksmiths	4	Dressmakers	12
Bookbinders	3	Cigar Salesman	1
Bookkeepers	6	Coachmen	1
Boilermakers	4	Confectioners	2
Bricklayers	6	Cotton Weavers	2
Boatmen	3	Compositors	1
Bartenders	5	Contractors	1
Butchers	8	Drummers	2
Brass Workers	2	Dry Goods Men	2
Brokers	1	Elevator Men	1
Brewers	2	Locomotive Engineer	1
Butlers	1	Firemen	3
Caulkers	2	Florists	1
Canary Workers	2	Engineers	7
Cigar Makers	2	Engravers	3
Cabinet Makers	2	Fishermen	4
Carriage Makers	4	Farmers	15
Canvassers	1	Gardners	12
Cement Workers	6	Glass Blowers	1
Cigar Dealers	2	Grocerymen	2
Carpenters	42	Hay Merchant	1
Civil Engineers	2	Hack Drivers	5
Clerks	16	Harnessmakers	5
Cloak Makers	2	Hair Dressers	2
Collectors	2	Hog Rancher	1

OCCUPATION OF INMATES—Continued

Hostlers	1	Reporter	2
Housewives	36	Salesmen	6
Instrument Repairer	1	Solicitors	1
Ironworkers	4	Sextons	1
Janitors	2	Shoe Clerk	1
Lace Maker	1	Steamfitter	1
Laundress	7	Surveyor	1
Laundrymen	10	Stewards	4
Laborers	308	Sailors	26
Lawyers	2	Sail Makers	2
Locksmith	1	Seamstresses	18
Longshoremen	10	Saloon Keeper	2
Lodginghouse Keepers	3	Ship Carpenters	10
Lumbermen	1	Ship Drillers	1
Marble Cutters	2	Ship Captains	2
Machinists	4	Shoe Dealers	4
Marine Firemen	2	Shoemakers	14
Mill Hands	6	Teachers	1
Milliners	4	Type Founders	1
Miners	26	Tailors	10
Moulders	6	Tanners	4
Musicians	7	Teamsters	30
No Occupation	48	Tailoresses	5
Nurses	12	Tinsmiths	4
Orderly	2	Trunkmakers	1
Painters	22	Upholsterers	3
Pattern Makers	2	Vulcanizers	1
Peddlers	12	Waiters	32
Plasterers	6	Wagonmakers	5
Plumbers	3	Wood Turners	2
Porters	11	Weighers	1
Poultry Dealers	1	Watchmen	7
Paver	1	Wine Merchants	2
Printers	2	Stablemen	10
Polisher	1	Woolman	1
Railroad Firemen	2		
Total			1,263

The lowest number of inmates recorded at any time was 1,235

The highest number of inmates recorded at any time was 1,323

TAILORING DEPARTMENT. (Inmate Labor)

Men's Coats Repaired	315
Men's Vests Repaired	180
Men's Pants Repaired	441
Men's Shirts Repaired	42
Total	978

SHOE REPAIRING DEPARTMENT (Inmate Labor)

Men's Shoes Repaired	1 169
Women's Shoes Repaired	281
Total	1 450

FARM REPORT.

Produced—

Cabbage	17,000 lbs.
Cauliflower	3,900 lbs.
Beets	53 sacks
Potatoes	992 sacks
Parsnips	34 sacks
Carrots	165 sacks
Turnips	168 sacks
Lettuce	35 sacks
Forage	33 tons
Onions	30 sacks
Celery	20 sacks

RELIEF HOME EXPENSES FROM JULY 1, 1910 TO JULY 1, 1911.

Subsistence	\$ 75,696.07
Sundries	2,245.14
Clothing and Bedding	7,339.81
Power Plant	1,713.57
Hospital	1,440.70
Laundry	1,502.47
Stable	4,704.83
Dairy	2,365.17
Farm	469.42
Fuel	13,206.44
Equipment	330.55
Repairs to Vehicles and Harness	549.02
Repairs to Machinery	323.27
Repairs to Sundries	2,446.73
Pay Roll	66,092.35

Year's Total Expenditure	\$180,925.59
Subsistence for one year	75,696.07
Subsistence for one month	6,308.00
Subsistence for one day	210.26
Subsistence for one inmate per day .....	.163
Clothing and bedding for one year	7,339.81
Clothing and bedding for one month	611.65
Clothing and bedding for one day	20.59
Clothing and bedding for one inmate per day .....	.016
Maintenance of total inmates per day	502.57
Maintenance for one inmate per day .....	.39

RELIEF HOME EXPENDITURES, JULY 1ST, 1910 TO JUNE 30TH, 1911.

	1910	July	Aug.	Sept.	Oct.	Nov.	Dec.
Subsistence		\$ 5,555.33	\$ 5,193.12	\$ 6,252.21	\$ 6,175.53	\$ 6,707.65	\$ 6,624.12
Sundries		74.77	191.49	189.70	228.35	202.25	169.56
Clothing and Bedding		947.06	587.52	674.24	853.83	599.66	453.75
Power Plant		107.56	127.11	158.65	135.85	23.25	347.60
Hospital		156.53	78.39	108.86	68.50	98.16	112.80
Laundry		95.92	122.41	105.24	114.32	98.55	129.66
Stable		409.53	417.97	461.05	375.40	370.34	366.06
Dairy		246.43	72.01	194.04	98.86	351.95	131.72
Farm		17.50	4.05	8.75	5.30	31.74	14.78
Fuel		1,201.02	1,460.65	988.75	1,070.35	1,205.70	342.75
Equipment		55.57	168.81	76.87	14.59	116.56	5.70
Repairs to Vehicles		5.40	49.82	68.01	10.44	51.31	44.00
Repairs to Machinery		11.00	15.00	39.33	27.62	7.00	9.30
Repairs to Sundries		112.26	387.98	157.48	123.31	160.40	238.13
Pay Roll		5,426.10	5,516.00	5,427.10	5,562.50	5,518.15	5,613.50
Total		\$14,421.98	\$14,392.33	\$14,920.28	\$14,865.55	\$15,542.67	\$14,606.43
	1911	Jan.	Feb.	March	April	May	June
Subsistence		\$ 6,248.18	\$ 6,102.88	\$ 7,141.14	\$ 6,207.65	\$ 6,441.04	\$ 7,047.22
Sundries		215.17	126.28	220.13	211.86	216.38	199.20
Clothing and Bedding		968.33	598.90	412.99	508.51	389.87	345.15
Power Plant		402.39	25.90	191.76	8.55	58.05	127.00
Hospital		106.19	163.50	67.11	162.31	165.44	152.91
Laundry		136.38	128.31	119.42	140.35	104.18	213.63
Stable		363.76	193.15	335.35	431.55	360.97	619.70
Dairy		233.87	294.16	289.28	100.60	104.16	195.09
Farm .....		.....	262.93	1.35	42.67	71.60	8.75
Fuel		960.85	1,561.47	987.35	1,010.00	1,291.50	1,116.05
Equipment		56.07	61.25	20.64	135.50	78.02	40.87
Repairs to Vehicles		48.67	20.27	81.71	70.23	76.20	22.96
Repairs to Machinery		40.22	58.80	7.40	19.30	66.30	22.00
Repairs to Sundries		175.25	258.31	162.83	319.50	144.57	206.26
Pay Roll		5,566.00	5,447.00	5,530.00	5,484.50	5,493.60	5,507.90
Total		\$15,565.23	\$15,303.11	\$15,568.46	\$14,853.28	\$15,062.18	\$15,823.09

LAUNDRY WORK FOR YEAR 1910-1911. JULY 1, 1910 TO JUNE 30, 1911.

	Plain Work.	Starch Work.	Total
July	40,063	5,442	45,505
August	37,744	5,830	43,574
September	38,490	5,484	43,974
October	40,043	5,803	45,846
November	39,099	5,380	44,479
December	44,684	5,371	50,055
January	39,044	6,513	45,553
February	39,710	5,284	44,994
March	44,560	5,404	49,964
April	39,120	5,355	44,475
May	40,033	5,793	45,826
June	51,426	6,344	57,770
Total for Year			562,015

SEWING ROOM.

Men's Pajamas	81
Petticoats (Women's)	328
Chemises (Women's)	106
Drawers (Women's)	44
Pillow Slips	1,740
Sheets	1,711
Towels	106
Bed Screens	14
Table Cloths	75
Aprons	973
Bandages	60
Shrouds	220
Curtains	179
Dresses	436
Waiters' Aprons	72
Smocks	14
Diapers	72
Napkins	240
Women's Gowns	454
Head Pieces	80
Corset Covers	122
Bins	108
Sun Bonnets	25
Total	7,260

LIVE STOCK.

Horses	23
Fillies	1
Mule colt	1
Bulls	1
Cows	35
Calves	3
Pigs	78
Pigs, sucklings	12

During the year we killed—

Calves	21
Hogs	19
Cows	3
Cows condemned	5
Filly killed by accident	1

REPORT OF HOSPITAL DEPARTMENT.

	Male Ward	Female Ward	Bldg. No. 3	Bldg. No. 4	In Sect.	Other Hosp.	Total
Average No. of Patients per day	45	52					97
Total No. admitted during year	429	180					609
Total No. discharged during year	390	132					522
Total No. deaths during year	86	33	34		4	3	160
Total No. treated in Clinic during year	8778	4903					13681
Total No. Electrical treatments	67	156					223
Total No. Surgical dressings	7207	2885					10092
Total No. prescriptions compounded							6241

To the Superintendent of the Relief Home:—

Report of cases treated in Male Ward during the year ending June 30th, 1911.

WM. KENNEY, M. D., Physician.

CIRCULATORY SYSTEM. (92 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Myocarditis	11	....	11	22
Mitral Regurgitation	14	....	7	21
Arteriosclerosis	26	....	9	35
Metral and Aortic Regurgitation	1	....	4	5
Aortic Regurgitation	1	....	....	1
Aneurysm of Aorta	1	1	2
Epistaxis	1	....	....	....	1
Arteriosclerosis c Chr. Nephritis	1	1
Metral Regurg. c Chr. Nephritis	4	4
Totals	1	53	1	37	92

RESPIRATORY SYSTEM. (45 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Pulmonary Tuberculosis .....	....	....	3	4	7
Acute Bronchitis	8	....	....	2	10
Chronic Bronchitis .....	....	3	....	....	3
Lobar Pneumonia	1	....	....	6	7
Bronchopneumonia	1	....	....	....	1
Coryza	5	....	....	....	5
Partial Asphyxia	1	....	....	....	2
Laryngitis	1	....	....	....	1
Acute Dry Pleurisy	2	....	....	....	2
Bronchial Asthma .....	....	7	....	1	8
Totals	19	10	3	13	45

DIGESTIVE SYSTEM. (57 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Acute Gastritis	11	....	....	....	11
Gastric Ulcer .....	....	1	....	....	1
Gastric Carcinoma .....	....	....	1	6	7
Hematemesis	1	....	....	....	1
Dysentery	2	....	....	....	2
Constipation	8	....	....	....	8
Colitis	3	....	....	....	3
Intestinal Autointoxication	6	....	....	....	6
Serous Diarrhea	3	....	....	....	3
Cirrhosis of liver .....	....	1	....	5	6
Carcinoma of liver .....	....	....	....	1	1
Carcinoma of head of Pancreas .....	....	....	....	1	1
Appendicitis	1	....	....	....	1
Taenia nana	1	....	....	....	1
Subnutrition	3	....	....	....	3
Peritonitis, simple .....	....	....	....	1	1
Rupture of spleen .....	....	....	....	1	1
Totals	39	2	1	15	57

NERVOUS SYSTEM. (85 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Insane, Type not diagnosed .....	....	....	3	....	3
Dementia Paralytica .....	....	....	2	2	4
Taber Dorsalis .....	....	....	9	....	9
Multiple Sclerosis .....	....	....	3	....	3
Paralysis Agitons .....	....	....	9	2	11
Progressive Muscular Atrophy.....	....	....	1	4	5
Hemiplegia .....	....	6	....	....	6
Cerebral Hemorrhage	7	....	....	8	15
Cerebella Ataxia .....	....	....	1	....	1
Gumma of Cerebellum .....	....	1	....	....	1
Chronic Anteria Polyomyelitia .....	....	....	1	....	1
Chorea .....	....	....	1	....	1
Epilepsy .....	....	6	....	....	6
Hysteria .....	....	1	....	....	1
Trigeminal Neuralgia	7	....	....	....	7
Cerebral Concussion	1	....	....	....	1
Acute Alcoholism	8	....	....	....	8
Syphillis of Nervous System .....	....	....	....	2	2
Totals	23	14	30	18	85

URO-GENITAL SYSTEM. (20 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Atony of Bladder	2	....	....	....	2
Cystitis, Chronic .....	....	2	....	....	2
Prostatitis, chronic c retention of urine.....	....	2	....	....	2
Prostate, probable carcinoma of.....	....	1	....	....	1
Nephritis, chronic interstitial.....	....	6	....	3	9
Nephritis, chronic Parenchymatous .....	....	1	....	....	1
Orchitis	2	....	....	....	2
Totals	4	12	0	3	19

GENERAL DISEASES. (26 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Diabetes Mellitus .....	....	1	....	....	1
Syphilis, Tertiary .....	....	6	....	....	6
Malaria, Tertian	8	....	....	....	8
Rheumatism, Acute Articular	4	....	....	....	4
Arthritis, Chronic .....	....	1	....	....	1
Influenza	3	....	....	....	3
Senile Dementia .....	....	2	....	....	2
Chronic Morphinism .....	....	....	1	....	1
Anaemia .....	....	1	....	....	1
Totals	15	11	1	0	27

MISCELLANEOUS MEDICAL CASES. (57 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Optic Neuritis .....	....	....	1	....	1
Iritis	1	....	....	....	1
Corneal Ulcer	1	....	....	....	1
Haemorrhoids .....	....	1	....	....	1
Eczema Madidans .....	....	3	....	....	3
Eczema Seborrhoicum	1	....	....	....	1
Erythema Intertrigo .....	....	1	....	....	1
Heat Prostration	1	....	....	....	1
Malingering .....	....	....	5	....	5
Not diagnosed .....	....	10	....	....	10
Minor ailments not recorded	26	....	....	....	26
Totals	30	15	6	0	51

SURGICAL CASES. (53 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Scalp, Laceration of	12	...	....	....	12
Contusions, Multiple	6	...	....	....	6
Ulcer, Varicose	4	...	....	....	4
Ulcer, tropic of foot .....	...	2	....	....	2
Abcess, tubercular, of rib .....	...	1	....	....	1
Abcess, tubercular, of thigh	1	...	....	....	1
Carbuncle	2	...	....	....	2
Infection of hands	1	...	....	....	1
Infection of foot	2	...	....	....	2
Phlegmon of hand	1	...	....	....	1
Phlegmon of arm	1	...	....	....	1
Gangrene of toes	2	...	....	....	2
Gangrene of leg (not treated) .....	...	...	1	....	1
Erysipelas	3	...	....	....	3
Laceration of Ear	1	...	....	....	1
Epithelioma of face .....	...	1	...	....	1
Sprain	3	...	....	....	3
Dislocation of shoulder	1	...	....	....	1
Fracture of ribs & pleurisy	3	...	....	....	3
Fracture of neck of femur	2	...	....	....	2
Fracture of humerus	2	...	....	....	2
Fracture compound, of tibia and fibula (not treated) .....	...	...	1	....	1
Totals	47	4	2	0	53

SUMMARY.

	No. Treated	Cured	Imp.	Not Imp.	Died
Circulatory System	92	1	53	1	37
Respiratory System	45	19	10	3	13
Digestive System	57	39	2	1	15
Nervous System	85	23	14	30	18
Uro-Genital System	20	4	12	0	8
General Diseases	26	15	11	1	0
Miscellaneous Medical	51	30	15	6	0
Surgical Cases	53	47	4	2	0
Grand Totals	429	178	121	44	86

To the Superintendent of the Relief Home:

Report of cases treated in Female Ward during the year ending June 30, 1911.

J. P. HICKEY, Physician.

GENERAL DISEASES.

	Cured	Imp.	Not Imp.	Died	Total
Dysentery—					
a Acute	2	...	...	...	2
b Chronic .....	...	1	...	...	1
Erysipelas .....	...	...	...	1	1
Purulent Infections—					
Following Palmar Abscess	2	...	...	...	2
Tuberculosis of Lungs .....	...	...	...	1	1
Syphilis (Acquired) .....	...	4	...	...	4
Cancer of Stomach .....	...	...	...	1	1
Cancer of Uteris .....	...	...	...	1	1
Cancer of Face .....	...	...	1	...	1
Rheumatism, Acute Articular	3	...	...	...	3
Rheumatism, Chronic .....	...	10	...	...	10
Diabetes .....	...	...	...	1	1
Alcoholism—					
a Acute	4	...	...	...	4
b Chronic .....	...	12	...	...	12
Chronic Poisoning—					
Morphine .....	...	1	...	...	1
Suicide .....	...	...	...	1	1
Diseases of Circulatory System					44

ORGANIC DISEASES OF HEART.

	Cured	Imp.	Not Imp.	Died	Total
Endocarditis (Chronic)	3	2	5
Fatty Heart	1	2	3
Myocarditis, Chronic	4	13	17

DISEASES OF NERVOUS SYSTEM.

	Cured	Imp.	Not Imp.	Died	Total
Locomotor Ataxia	4	...	4
Other Diseases of Spinal Cord—					
Myelitis	3	1	4
Paralysis Agitans	2	1	3
Progressive Muscular Atrophy	3	2	5
Insular Sclerosis	1	...	1
Apoplexy, Cerebral	4	1	5
Paresis	1	1	2
Epilepsy	1	...	1
Chorea	1	...	1
Other Diseases of Nervous System—					
Multiple Neuritis	1	...	...	1
Diseases of Arteries—					
Arterio Sclerosis	2	6	11	17
Embolism and Thrombosis	2	2

RESPIRATORY SYSTEM.

	Cured	Imp.	Not Imp.	Died	Total
Bronchitis, Acute	4	....	....	....	4
Bronchitis, Chronic	3	5	....	8
Broncho Pneumonia	2	2
Pleurisy (Dry)
Pulmonary Congestion	1	1
Asthma (Bronchial)	6	1	7
Pulmonary Emphysema	1	....	1

DIGESTIVE SYSTEM.

	Cured	Imp.	Not Imp.	Died	Total
Ulcer of Stomach .....	....	2	....	....	2
Gastritis, Acute	8	....	....	....	8
Gastritis, Chronic .....	....	7	....	....	7
Dilatation of Stomach .....	....	....	1	....	1
Inflammations of Stomach and Intestines—					
Enteritis	2	....	....	....	2
Entrocolitis	1	....	....	....	1
Hernia, (Obstruction of Intestines)—					
a Volvulus .....	....	....	....	1	1
Cirrhosis of Liver .....	....	....	2	....	2
Biliary Calculi .....	....	....	1	....	1
Other Diseases of Liver—					
a Cholecystitis .....	....	1	....	....	1

GENITO URINARY SYSTEM.

	Cured	Imp.	Not Imp.	Died	Total
Bright's Disease	3	....	3
Calculi of Urinary Tract	1	....	....	1
Diseases, Bladder—					
a Cystitis (Chronic)	3	....	....	3
Uterial Hemorrhage (Non Puerperal).....	1	....	1

DISEASES OF TUBES.

	Cured	Imp.	Not Imp.	Died	Total
Salpingitis	1	....	....	1

DISEASES OF THE SKIN.

	Cured	Imp.	Not Imp.	Died	Total
Carbuncle	4	....	....	....	4

DISEASES OF LOCOMOTOR SYSTEM.

	Cured	Imp.	Not Imp.	Died	Total
Arthritis .....	....	....	28	....	28
Unclassified Diseases	153	....	....	....	153
Diseases not Recorded	155	....	....	....	155

SURGICAL CASES.

	Cured	Imp.	Not Imp.	Died	Total
Scalp Wounds	6	....	....	....	6
Ulcer (Varicose)	6	10	....	....	16
Ulcers, Tropic of foot.....	....	3	....	....	3
Infections of Hand	3	....	....	....	3
Gangrene of Toes .....	....	3	....	....	3
Sprains—					
Ankle	3	....	....	....	3
Wrist	2	....	....	....	2
Dislocations—					
Shoulder	2	....	....	....	2
Fingers	4	....	....	....	4
Fractures—					
Ribs	2	....	....	....	2
Femur.....	Sent to City and County Hospital.				
General Diseases					45
Nervous System					27
Circulatory System					44
Respiratory System					22
Digestive System					27
Genito-Urinary System					10
Diseases of Skin					4
Locomotor System					28
Minor Treatments					150
Total					357

Report of Emergency Hospitals

San Francisco, August 7, 1911.

Honorable Board of Health,
City and County of San Francisco.

Gentlemen:—I have the honor to submit the annual report of the number of patients treated in the various Emergency Hospitals under my supervision, including the Central, Harbor, Mission, Potrero, Park and the Insane Detention Hospitals; also the number of Ambulance Calls responded to during the fiscal year ending June 30, 1911.

The work performed in the various Emergency Hospitals during the past fiscal year, 1910-1911, shows an increase of 3,515 cases over last year and an increase of 459 Ambulance Calls. The total number of cases treated in all the Emergency Hospitals during the past fiscal year is 29,203, as against 25,688 of last year and 18,481 cases the year previous, which shows an increase of over 10,000 cases within the last two years. The total number of Ambulance Calls responded to is 5,133 as against 4,654 of last year and 3,511 the year previous, which shows an increase of over 1,600 calls during the same period.

In regard to the condition of the various Emergency Hospitals, I would state that they are in good condition and well equipped.

The Central Emergency Hospital building, also the first temporary municipal structure built immediately after the catastrophe of 1906, has indeed served its purpose well, but is now inadequate on account of the tremendous increase of patients treated during the past five years. However, we expect to move within the next eight months into the new temporary and modern Central Emergency Hospital on Stevenson street, between Eighth and Ninth, provision having been made by the Honorable Mayor and the Honorable Board of Supervisors for a new Central Emergency Hospital in the rear of the new temporary City Hall.

The Harbor and Mission Emergency Hospitals are in good condition and also well equipped in every particular.

The Potrero Emergency Hospital is just being renovated and is also well equipped. In connection with this Emergency Hospital station I desire to state that the Honorable Board of Supervisors were unable to appropriate money in the last Budget for a new and permanent Hospital on city property on Twentieth and Kentucky streets, adjacent to the new Potrero Police Station in course of construction. I would respectfully request your Honorable Board to urge upon the Honorable Board of Supervisors to set aside a sufficient appropriation for a permanent Potrero Emergency Hospital in the next Budget.

The Park Emergency Hospital is in good condition and also well equipped, and this Department is looking forward with pleasure to see the first motor ambulance installed within the next two months in this Emergency Station, and I sincerely hope that your Honorable Board will recommend to the Honorable Board of Supervisors to install motor ambulances in the near future for every Emergency Hospital Station, in order to be able to give the best possible service, and it is my endeavor to maintain the highest standard of efficiency in this important branch of the Municipal Government.

Respectfully submitted,

E. S. HOWARD, M. D.
Chief Surgeon, Emergency Hospitals.

CENTRAL HOSPITAL.

Number of Patients remaining in Hospital June 30, 1910.....	5
Number of Patients admitted during fiscal year 1910-1911.....	12,713
Total	12,718

DISPOSITION OF PATIENTS.

Discharged (sent home)	7,625
Transferred to Central Police Station	518
Transferred to Bush Street Police Station	165
Transferred to Southern Police Station	95
Transferred to Mission Police Station	26
Transferred to O'Farrel Police Station	9
Transferred to Juvenile Detention Home	7
Transferred to County Jail	2
Transferred to Insane Detention Hospital	51
Transferred to Isolation Hospital	3
Transferred to City and County Relief Home	536
Transferred to City and County Hospital	2,076
Transferred to U. S. Marine Hospital	13
Transferred to U. S. General Hospital	5
Transferred to St. Francis Hospital	21
Transferred to St. Luke's Hospital	16
Transferred to St. Mary's Hospital	40
Transferred to St. Joseph's Hospital	13
Transferred to St. Thomas' Hospital	5
Transferred to University of California Hospital	287
Transferred to Lane Hospital	401
Transferred to Hahnemann Hospital	479
Transferred to Children's Hospital	23
Transferred to German Hospital	42
Transferred to French Hospital	8
Transferred to Trinity Hospital	21
Transferred to Mt. Zion Hospital.....	9
Transferred to McNutt Hospital	7
Transferred to Northwestern Hospital	3
Transferred to St. Winifred Hospital	5
Transferred to S. P. R. R. Hospital	1
Transferred to Bellevue Hospital	1
Transferred to Japanese Hospital	2
Transferred to Home Sanatorium.....	3
Transferred to Morton's Sanatorium	3
Transferred to Adler's Sanatorium	2
Transferred to Buena Vista Sanatorium	2
Transferred to Morgue (dead on arrival)	30
Transferred to Morgue (died in hospital)	153
Total	12,708
Number of Patients remaining in Hospital June 30, 1911.....	10

HARBOR HOSPITAL.

Number of Patients admitted during fiscal year 1910-1911.....	5,812
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EMERGENCY HOSPITALS

DISPOSITION OF PATIENTS.

Discharged (sent home)	5,003
Transferred to Harbor Police Station	238
Transferred to Central Police Station	57
Transferred to Southern Police Station	47
Transferred to Central Emergency Hospital	298
Transferred to Insane Detention Hospital	6
Transferred to U. S. Marine Hospital	22
Transferred to U. S. General Hospital	1
Transferred to St. Francis Hospital	4
Transferred to St. Luke's Hospital	2
Transferred to St. Mary's Hospital	17
Transferred to St. Joseph's Hospital	12
Transferred to St. Thomas' Hospital	7
Transferred to St. Winifred Hospital	1
Transferred to German Hospital	16
Transferred to Hahnemann Hospital	12
Transferred to Mt. Zion Hospital	6
Transferred to French Hospital	8
Transferred to McNutt Hospital	4
Transferred to Trinity Hospital	9
Transferred to Lane Hospital	7
Transferred to S. P. R. R. Hospital	1
Transferred to Japanese Hospital	1
Transferred to Morton's Sanatorium	1
Transferred to Morgue (dead on arrival)	24
Transferred to Morgue (died in hospital)	8
Total	5,812

MISSION HOSPITAL.

Number of Patients admitted during fiscal year 1910-1911 3,510

DISPOSITION OF PATIENTS.

Discharged (sent home)	3,291
Transferred to Mission Police Station	78
Transferred to Central Police Station	1
Transferred to Insane Detention Hospital	1
Transferred to Central Emergency Hospital	86
Transferred to St. Mary's Hospital	4
Transferred to St. Luke's Hospital	10
Transferred to St. Joseph's Hospital	2
Transferred to St. Francis Hospital	2
Transferred to German Hospital	5
Transferred to U. S. General Hospital	3
Transferred to French Hospital	2
Transferred to Lane Hospital	1
Transferred to St. Winifred Hospital	1
Transferred to Mt. Zion Hospital	2
Transferred to Hahnemann Hospital	1
Transferred to Trinity Hospital	2
Transferred to Buena Vista Sanatorium	2
Transferred to Morgue (dead on arrival)	13
Transferred to Morgue (died in hospital)	3
Total	3,510

EMERGENCY HOSPITALS

175

POTRERO HOSPITAL.

Number of Patients admitted during fiscal year 1910-1911..... 3,331

DISPOSITION OF PATIENTS.

Discharged (sent home)	3,253
Transferred to Potrero Police Station	12
Transferred to Central Emergency Hospital	40
Transferred to St. Luke's Hospital	2
Transferred to St. Mary's Hospital	3
Transferred to St. Thomas' Hospital	3
Transferred to St. Joseph's Hospital	1
Transferred to Union Iron Works Hospital	4
Transferred to U. S. Marine Hospital	2
Transferred to German Hospital	3
Transferred to S. P. R. R. Hospital	2
Transferred to Morton's Sanatorium	1
Transferred to Morgue (dead on arrival)	5
Total	3,331

PARK HOSPITAL.

Number of Patients admitted during fiscal year 1910-1911..... 2,977

DISPOSITION OF PATIENTS.

Discharged (sent home)	2,876
Transferred to Park Police Station	14
Transferred to Insane Detention Hospital	1
Transferred to Central Emergency Hospital	57
Transferred to City and County Relief Home	3
Transferred to University of California Hospital	1
Transferred to Lane Hospital	2
Transferred to Hahnemann Hospital	1
Transferred to German Hospital	4
Transferred to Mt. Zion Hospital	2
Transferred to St. Luke's Hospital	3
Transferred to St. Mary's Hospital	1
Transferred to St. Francis Hospital	1
Transferred to Northwestern Hospital	1
Transferred to Trinity Hospital	1
Transferred to Buena Vista Sanatorium	2
Transferred to Morgue (dead on arrival)	5
Transferred to Morgue (died in hospital)	2
Total	2,977

INSANE DETENTION HOSPITAL.

Number of Patients remaining in Hospital June 30, 1910.....	2
Number of Patients admitted during fiscal year 1910-1911.....	760
Total	762

EMERGENCY HOSPITALS

DISPOSITION OF PATIENTS.

Discharged (sent home)	267
Committed to Mendocino State Hospital	143
Committed to Napa State Hospital	177
Committed to Stockton State Hospital	116
Committed to Agnews State Hospital	14
Committed to Sonoma State Home	27
Transferred to Central Emergency Hospital	2
Transferred to City Prison	3
Transferred to County Jail	2
Transferred to City and County Hospital	2
Transferred to Hahnemann Hospital	1
Transferred to City and County Relief Home	2
Transferred to Morgue (died in hospital)	1
Total	757
Number of Patients remaining in Hospital June 30, 1911	5

CENTRAL HOSPITAL.

Number of Surgical Cases treated	9,083
Number of Medical Cases treated	3,630
Total	12,713
Number of Emergency Ambulance Calls	1,612
Number of Transfer Ambulance Calls	402
Total	2,014

HARBOR HOSPITAL.

Number of Surgical Cases treated	5,161
Number of Medical Cases treated	651
Total	5,812
Number of Emergency Ambulance Calls	1,240
Number of Transfer Ambulance Calls	269
Total	1,509

MISSION HOSPITAL.

Number of Surgical Cases treated	3,386
Number of Medical Cases treated	124
Total	3,510
Number of Emergency Ambulance Calls	659
Number of Transfer Ambulance Calls	140
Total	799

POTRERO HOSPITAL.

Number of Surgical Cases treated	3,265
Number of Medical Cases treated	166
Total	3,431
Number of Emergency Ambulance Calls	224
Number of Transfer Ambulance Calls	52
Total	276

EMERGENCY HOSPITALS

177

PARK HOSPITAL.

Number of Surgical Cases treated	2,791	
Number of Medical Cases treated	186	
Total	—	2,977
Number of Emergency Ambulance Calls	306	
Number of Transfer Ambulance Calls	232	
Total	—	538

INSANE DETENTION HOSPITAL.

Total number of Cases admitted to Detention Ward	760
--	-----

RECAPITULATION.

Grand total number of cases treated during fiscal year 1910-1911.....	29,203
Grand total number of Emergency Ambulance Calls fiscal year 1910-11....	5,133

Report of Isolation Hospital

San Francisco, Cal., July 1, 1911.

Dr. W. F. McNutt, Jr.,

Health Officer, Department of Public Health,
San Francisco, Calif.

Dear Sir:

I have the honor to submit the following report of the various departments of the Isolation Hospital for the fiscal year 1910-1911:

LEPER DEPARTMENT

Summary of patients—

Number remaining end of fiscal year 1909-1910.....	17
Number admitted during fiscal year 1910-1911.....	2
Number escaped during fiscal year 1910-1911.....	1
Number of deaths during fiscal year 1910-1911.....	0
Number remaining at end fiscal year 1910-1911.....	18

It will be noted that no deaths have occurred during the past year. The patients are doing well, and as has been the case in the past, the disease is in each individual running a very benign and chronic course.

During the past twelve months the Leper Hospital has been visited by physicians in charge of similar institutions in various parts of the world, and in each case they have remarked on the superior accommodations existing at this place.

The therapeutic effect of Ehrlich's "606" has been tried in five of the more active cases, but even after three intravenous injections in one instance, nothing but negative results have been noted.

SMALLPOX DEPARTMENT

Summary of patients—

Number remaining end fiscal year 1909-1910.....	0
Number admitted during fiscal year 1910-1911.....	17
Number discharged during fiscal year 1910-1911.....	17
Number of deaths during fiscal year 1910-1911.....	0
Number escaped during fiscal year 1910-1911.....	0
Number of diagnostic visits during fiscal year 1910-1911.....	517
Number remaining end of fiscal year 1910-1911.....	0

San Francisco has been remarkably free from smallpox of late. Considering the fact that recent statistics show the disease to be very generally distributed throughout the United States, and to be particularly prevalent in many localities, such as Utah, Illinois and South Carolina, we should congratulate ourselves on having so few cases.

Careful investigation has in almost every instance demonstrated that the disease has been acquired in some other locality, and it may be assumed with reasonable certainty that no foci of infection now remain within the City and County of San Francisco.

What might have been a serious epidemic occurred in the County Jail during August, 1910. This fortunately was confined to two prisoners, who were immediately removed to the Isolation Hospital.

I have visited all cases of Chickenpox reported to the Health Office, but regret to say there is still a great disinclination on the part of the medical men of San Francisco to report this disease. The result is that children are frequently not excluded from the public schools; as a result class room infection is constantly occurring, with a consequent great aggregate loss of time to the pupils. This condition of affairs is unnecessary and it is hoped that physicians will in future give the matter more serious consideration.

AMBULANCE SERVICE.

Number of trips to the City and County Hospital.....	137
Number of trips to the Isolation Hospital.....	17
	<hr/>
Total number of calls during fiscal year 1910-1911.....	154

PLAGUE DEPARTMENT

Fortunately no cases of human plague have been discovered in San Francisco during the past year, in fact none since February, 1908.

Respectfully submitted,

LOUIS D. MEAD,
Visiting Physician, Isolation Hospital.

Report of City Physician

San Francisco, Cal., September 18, 1911.

Dr. W. F. McNutt, Jr., Health Officer.

Sir: I have the honor to submit for your attention my report for the year July 1, 1910, to July 1, 1911:

The office of City Physician throughout the past year has progressed smoothly and there has been little cause for complaint in that department. During the past year the patients have still continued in the private hospitals, but at the present writing of this report we have been able to accommodate all of our poor in the City and County Hospital in the Infirmary Building at the Relief Home, and I must say, in my report, that the care and the service at the Infirmary Building is fully equal to any service that we have received at any of the private hospitals.

The conditions at the County Jail during the past year have been materially improved; running water has been put in each cell; a small hospital has been established, and in conjunction with Dr. Ring, service has been extended to the inmates which has never been equaled before.

The condition of the City Prison is still in a lamentable shape. We have not been able to do much in the way of improvement on account of the fact that it is only a temporary quarters. We hope soon to be in the Hall of Justice, where we expect to have one of the finest furnished and equipped prisons in the United States. The sanitary conditions there will be especially good.

The vaccination of school children has continued. In the past year the service has been extended to each of the Emergency Hospitals, thereby not requiring the parents to travel a long distance to have their children vaccinated. With the passage of the new law of non-compulsory vaccination we have had but slight diminution of applications for vaccination, and in the main most parents seem to desire their children to be vaccinated.

The condition of the city poor remains about the same. The past year having been a hard one, we have had more calls upon our service than is usually required, but we trust with improved conditions we will find that we are called upon less and less to care for the poor of our city.

An added feature of the City Physician's work this year has been superintending the inspection of all the immigrants from cholera infected ports. We are glad to say the inspection has been a thorough one and that not one case of cholera has been discovered in our city.

I hereby respectfully submit my report.

GEO. W. GOODALE,

City Physician.

	Totals	1910	July	Aug.	Sept.	Oct.	Nov.	Dec.	1911	Jan.	Feb.	Mar.	April	May	June
Visits to Patients.....	800	40	35	31	45	41	130	95	90	60	28	100	92		
Patients sent to Hospital...	410	32	29	20	35	72	40	50	35	50	40	35	28		
Patients referred to Clinic	58	4	2	4	6	5	7	4	4	6	6	6	4		
Patients no Special Dispo-															
sition	320	4	4	10	4	4	83	41	51	4	2	59	60		
Visits to Prisons	197	15	14	13	14	20	21	18	20	14	18	15	15		
Patients in Prison.....	286	425	167	169	197	254	335	281	240	225	224	228	178		
Visits to Jails	30	8	6	2	2	3	5	2	1	2	3	3	1		
Patients in Jail	401	390	373	337	410	510	565	419	427	512	247	485	281		
Hospitals Inspected.....	62	5	6	4	4	4	6	6	6	4	4	4	8		
School Children Vaccinated															
at Gen. Emerg. Hospital	810	152	192	72	42	147	54	44	29	25	1	30	14		
Reductions	1972	136	449	166	72	229	309	132	133	124	54	40	36		
Examinations	784	101	235	87	44	45	80	65	40	21	14	27	6		

REPORT OF AUDITOR

San Francisco, Cal., July 31, 1911.

To the Honorable, the Board of Health.

Gentlemen:—The report of the Auditing Department for the fiscal year 1910-1911 consists of five statements:

1. A general statement of the expenditures of the entire department.
2. Statement of expenditures in sanitation work in connection with the U. S. Public Health and Marine Hospital Service.
3. Receipts from transcripts and permits issued by Bureau of Vital Statistics.
4. Statement of city cases in private hospitals, the number and cost.
5. A statement giving the unit cost of each bureau or division of the Central Office of the Department of Public Health.

The first four statements are the usual ones issued yearly, the last is new and the result of some general criticism of the keeping of the municipal accounts, particularly regarding costs. The units of work of each bureau or division are taken from their annual reports, and the cost from a careful and minute analysis of the expenditures of the funds of the Central Office, and the expenditures for rent, water, gas, printing, stationery, postage, janitor and police detailed to the Health Officer, and paid from funds not controlled in this office. Some of the costs seem unusually low for the service rendered, others are somewhat higher. There is, however, no comparison of these costs, to be made with previous years nor with the work of other departments of health in the different cities of the United States or other countries, their reports containing no such information. These unit costs are entirely new and will be of interest as the reports of other fiscal years are filed and then comparisons can readily be made and efficiency and costs thoroughly tested.

There were issued in this office during the fiscal year just closed 4705 requisitions for supplies for the Central Office and the hospitals and institutions under the control of the Board of Health and signed by the Health Officer, and 1876 salary and 3616 maintenance demands, audited by the Finance Committee and approved by the Board of Health.

I have to thank the Finance Committee, which consists of Mr. Pouchan, Chairman, and Mr. Murray and Mr. Sharp, for their kindness in always being so willing to put aside many of their personal duties to attend to the laborious and oftentimes arduous work of signing these demands.

Respectfully,

PERCY R. HENNESSY,
Auditor, Department of Public Health.

EXECUTIVE OFFICE

	Funds Dept. of P. H.	Other Funds
Salaries—		
H. O., chief clerk, two stenographers, two-third salary of telephone operator.....	\$9,500.00	.....
Expenses—		
General and incidental expense of department, upkeep of auto, photo work in condemna- tions, transportation H. O., repairs.....	2,178.21	.....
Rent 1085 Mission street.....	.....	3,860.00
Light, gas and electricity.....	.....	271.14
Water .....	.....	52.89
Stationery and printing.....	.....	1,945.16
Postage .....	.....	720.00
Salaries of two police officers detailed to this department .....	.....	2,923.00
Wages of janitor 300 days at \$3.00.....	.....	900.00
Totals	\$11,678.21	\$10,677.19

This total cost of executive office and other expenses is to be divided among the different bureaus of the Department of Public Health pro rata to the number of months work during the fiscal year 1910-1911.

Total number of working months of Central Office, 692.

Average pro rata of executive cost per working month, \$16.88.

Average pro rata of rent, light, water, stationery, postage, referred in the report as other costs, per working month, \$15.43.

CLERK BUREAU OF SANITATION

	Funds Dept. of P. H.
Salaries—	
Clerk, stenographer, one-third of telephone operator.....	\$2,947.00

The total cost of above to be divided among the different inspection bureaus of the Department of Public Health pro rata to the number of months work during the fiscal year 1910-1911.

Total number of working months Bureau of Sanitation, 543.

Average pro rata of cost of Clerk of Bureau per working month, \$5.42.

STATEMENT OF TRANSCRIPTS ISSUED AND FEES COLLECTED IN THE DEPARTMENT OF PUBLIC HEALTH
FOR THE FISCAL YEAR, 1910-1911

TRANSCRIPTS ISSUED	July		August		September		October		November		December	
	No.	Fee	No.	Fee	No.	Fee	No.	Fee	No.	Fee	No.	Fee
Certified Copies Birth (at 75c each).....	28	\$ 21.00	28	\$ 21.00	18	\$ 13.50	21	\$ 15.75	16	\$ 12.00	20	\$ 15.00
Same—For pension purposes, etc. (no charge).....												
Certified Copies Death (at 75c each).....	47	35.25	52	39.00	40	30.00	67	50.25	64	48.00	60	45.00
Same—For pension purposes, etc. (no charge).....	3		7		1		4		2		7	
Permits for Removal of Bodies and Ashes.....	131		138		142		113		113		88	
Same—(At \$10.00 each).....			2	20.00			3	30.00	1	10.00	1	10.00
Totals	209	\$ 56.25	227	\$ 80.00	201	\$ 43.50	208	\$ 96.00	196	\$ 70.00	176	\$ 70.00

TRANSCRIPTS ISSUED	January		February		March		April		May		June	
	No.	Fee	No.	Fee	No.	Fee	No.	Fee	No.	Fee	No.	Fee
Certified Copies Birth (at 75c each).....	20	\$ 15.00	18	\$ 13.50	20	\$ 15.00	21	\$ 15.75	22	\$ 16.50	24	\$ 18.00
Same—For pension purposes, etc. (no charge).....												
Certified Copies Death (at 75c each).....	53	39.75	58	43.50	64	48.00	53	39.75	63	47.25	48	36.00
Same—For pension purposes, etc. (no charge).....	7		2		2				5		4	
Permits for Removal of Bodies and Ashes.....	122		80		130		168		205		222	
Same—(At \$10.00 each).....					2	20.00	1	10.00	1	10.00	2	20.00
Totals	202	\$ 54.75	158	\$ 57.00	218	\$ 83.00	243	\$ 65.50	296	\$ 73.75	300	\$ 74.00

TOTAL TRANSCRIPTS ISSUED

Certified Copies Birth (at 75c each).....	256	\$192.00
Same—For pension purposes, etc. (no charge).....		
Certified Copies Death (at 75c each).....	669	501.75
Same—For pension purposes, etc. (no charge).....	44	
Permits for Removal of Bodies and Ashes.....	1652	
Same—(At \$10.00 each).....	13	130.00

Totals Respectfully submitted, 2634 \$823.75

PERCY R. HENNESSY,
Auditor, Department of Public Health.

	Funds D. of P. H.	Other Funds	Credits	Total	Units of Work	Total	Aver- age
AUDITING DEPARTMENT—							
Salaries—Auditor, two-thirds of clerk	2,380.20						
Expenses	14.56						
Pro rata of executive cost 20 months' work	337.50						
Printing		140.10					
Pro rata of other costs		308.60		3,180.96			
Total amount expended					634,777.23		
Cost of expense per dollar							.0050
BUREAU OF VITAL STATISTICS—							
Salaries of three clerks	3,300.00						
Pro rata of executive cost 36 months' work	607.50						
Printing		269.82					
Pro rata of other costs		555.45					
Fees collected			693.75	4,039.02			
Marial, cremation and disinterment permits issued					9,168		
Abstract of birth and death record issued					925		
Births and Deaths Record					14,139	24,232	
Cost of each unit							.166
SANITARY INSPECTION—							
Salary of four inspectors	6,110.00						
Transportation	599.67						
Pro rata of executive cost 47 months' work	793.20						
Pro rata of clerical costs 47 months' work	255.25						
Printing		144.76		8,624.08			
Pro rata of other costs		725.20					
Number of inspections made upon complaint					8,522		
Number of premises quarantined					930		
Number of infectious diseases investigated					4,050	13,502	
Cost of each unit							.632

DISINFECTANT—

Salaries of two disinfectors.....	2,700.00				
Transportation	1,080.00				
Expenses	177.04				
Pro rata of executive cost 24 months' work.....	405.04				
Pro rata of clerical cost 24 months' work.....	130.25				
Printing	1.90				
Pro rata of other costs.....	370.30				
Formaline used from stores sent to S. P. after disaster of 1906, 3954 lbs, at 16c.....	632.64		5,497.17		2,895
Number of rooms fumigated.....					1,899
Cost per room.....					
MMBING INSPECTION—					
Salaries of chief and five inspectors.....	11,100.00				
Transportation	2,352.35				
Pro rata of executive cost 72 months' work.....	1,215.00				
Pro rata of clerical cost 72 months' work.....	391.00				
Printing	73.34				
Pro rata of other costs.....	1,110.90		20.00	16,222.5f	
Fines collected.....				1,464	
Number plans examined.....				24,424	
Inspection on construction and sewers.....				2,448	28,33f
Inspection of nuisances.....					.572
Cost of each unit.....					
KKET INSPECTION--					
Salaries of fifteen market inspectors.....	18,445.00				
Transportation	944.65				
Pro rata of executive cost 159 months' work.....	2,683.00				
Pro rata of clerical cost 159 months' work.....	862.00				
Printing	50.80				
Pro rata of other costs.....	2,453.30				
Fines collected.....			5.00	25,433.75	
Places inspected.....					43,143

MARKET INSPECTION--

Salaries of fifteen market inspectors.....	18,445.00		
Transportation.....	944.65		
Pro rata of executive cost 159 months' work.....	2,683.00		
Pro rata of clerical cost 159 months' work.....	862.00		
Printing.....	50.80		
Pro rata of other costs.....	2,453.30		
Fines collected.....	5.00	25,433.75	
Places inspected.....		43,143	

	Funds D. of P. H.	Other Funds	Credits	Total	Units of Work	Total	Aver- age
MARKET INSPECTION—Continued							
Cattle, hogs and sheep slaughtered and inspected.....	.....	.....	.....	.....	843,366	.....	.....
Poultry and game (dozens).....	.....	.....	.....	.....	290,061	.....	.....
Fish boxes of 200 lbs.....	.....	.....	.....	.....	90,705	1,267,273	.....
Cost of each unit.....	.....	.....	.....	.....	.....	.....	.020
TRUCK GARDEN INSPECTION—							
Salary of one inspector.....	1,350.00	.....	.....	.....	.....	.....	.....
Transportation.....	69.55	.....	.....	.....	.....	.....	.....
Pro rata of executive cost 12 months' work.....	202.50	.....	.....	.....	.....	.....	.....
Pro rata of clerical cost 12 months' work.....	65.25	185.15	.....	1,872.45	.....	.....	.....
Pro rata of other costs.....	.....	.....	.....	.....	.....	.....	.....
Markets inspected.....	.....	.....	.....	.....	247	.....	.....
Wagons inspected.....	.....	.....	.....	.....	373	.....	.....
Gardens inspected.....	.....	.....	.....	.....	976	1,594	.....
Cost of each inspection.....	.....	.....	.....	.....	.....	.....	1.17
GARBAGE INSPECTION—							
Salary of one inspector.....	1,500.00	.....	.....	.....	.....	.....	.....
Transportation.....	55.80	.....	.....	.....	.....	.....	.....
Pro rata of executive cost 12 months' work.....	202.50	.....	.....	.....	.....	.....	.....
Pro rata of clerical cost 12 months' work.....	65.25	.....	.....	.....	.....	.....	.....
Pro rata of other costs.....	.....	185.15	.....	.....	.....	.....	.....
Fines collected.....	.....	.....	65.00	1,943.70	.....	.....	.....
Wagons inspected.....	.....	.....	.....	.....	238	.....	.....
Premises inspected.....	.....	.....	.....	.....	3,679	3,917	.496
Cost per inspection.....	.....	.....	.....	.....	.....	.....	.....
DISINFECTMENT INSPECTION—							
Salary of one inspector.....	375.00	.....	.....	.....	.....	.....	.....
Transportation.....	9.50	.....	.....	.....	.....	.....	.....
Pro rata of Executive cost five months' work.....	84.40	.....	.....	.....	.....	.....	.....
Pro rata of other costs.....	.....	77.15	.....	.....	.....	.....	.....

REPORT OF AUDITOR

187

Fees collected.....					130.00	416.05		
Number of bodies disinterred.....							1,457	
Cost of each disinterment.....							.285	
INDUSTRIAL INSPECTION—								
Salary of two inspectors.....	2,335.15							
Transportation	91.35							
Expenses								
Pro rata of executive cost twenty-one months' work.....	354.45							
Pro rata of clerical cost twenty-one months' work.....	114.00							
Printing		7.56						
Pro rata of other costs.....		324.00				3,226.61		
Total inspections.....								
COST OF EACH INSPECTION.....								
BACTERIOLOGICAL LABORATORY—								
Salaries Bacteriologist and two assistants.....	3,600.85							
Expenses	571.14							
Pro rata of executive cost thirty-six months' work.....	607.50							
Printing		24.88						
Pro rata of other costs.....		555.45				5,359.82		
Diphtheria examinations.....							1,473	
Tuberculosis examinations.....							676	
Widal reactions							283	
Other examinations.....							1,482	
Cost of each unit.....								
CHEMICAL LABORATORY—								
Salaries—Chemist, three assistants and one-third salary of clerk.....	6,139.80						3,914	1,369
Expenses	385.16							
Pro rata of executive cost fifty-two months' work.....	877.55							
Printing		21.48						
Pro rata of other costs.....		802.35						
Fines collected (one-half of fines collected where analyses have been made).....	i							
Milk analysis					817.50	7,408.84		3,410

	Funds D. of P. H.	Other Funds	Credits	Total	Units of Work	Total	Aver- age
CHEMICAL LABORATORY—Continued							
Water analysis					256		
Miscellaneous					640	4,308	
Cost of each unit							1.719
MILK INSPECTION—							
Salaries of food and dairy inspectors, working 223 days	956.65						
Expenses	23.35						
Pro rata of executive cost seven and one-half months' work	126.60						
Pro rata of clerical cost seven and one-half months' work	41.00						
Printing		41.47					
Pro rata of other costs		115.70					
Fines collected (one-half where analyses have been made)			827.50	480.27		3,412	.140
Cost of each sample taken							
FOOD INSPECTION—							
Salaries of two food inspectors	2,250.00						
Transportation	102.95						
Pro rata of executive cost twenty months' work	345.96						
Pro rata of clerical cost twenty months' work	109.00						
Printing		5.16					
Pro rata of other costs		308.60	45.00	3,075.67			
Fines collected							
Number of inspections made						4,371	
Cost of each inspection							.703
DAIRY INSPECTION—							
Salaries of chief inspector, veterinary and two inspectors	5,733.35						

Transportation and expenses.....	2,616.92			
Pro rata of executive cost 44 1/2 months' work.....	742.48			
Pro rata of clerical cost 44 1/2 months' work.....	241.50			
Printing.....	3.86			
Pro rata of other costs.....	686.60			
Fines collected.....	120.00	9,904.71		
*Dairies inspections in S. F. County.....		468		
*Dairies inspections in other counties.....		668		
*Dairy depots.....		1,777		
Cows inspected.....		11,414		
Other cattle inspected.....		8		
Water samples taken for analysis.....		146		
*Inspections include can and all other appliances—				
Total units.....		14,481		
Cost of each unit.....				.684
MEDICAL, INSPECTION OF SCHOOLS—				
Salaries of one medical inspector, one Dental inspector,				
and ten nurses.....	8,700.00			
Expenses.....	314.23			
Transportation.....	324.22			
Pro Rata of Executive cost 100 months' work.....	1,688.00			
Pro rata of clerical cost 100 months' work.....	542.00			
Printing.....	260.88			
Pro Rata of other costs.....	1,543.00	13,372.33		
Number of examinations by Medical Inspector.....		3,542		
Number of examinations by nurses.....		30,958		
Number of home visits.....		3,036		
Number of dressings.....		2,271		
Number of treatments.....		2,007		
Total units.....		41,814		.319
BUREAU OF CHARITIES—				
Salary of City Physician and one inspector.....	4,200.00			
Expenses—Antitoxin and Vaccine.....	269.70			
Transportation.....	75.10			

		Funds D. of P. H.	Other Funds	Credits	Total	Units of Work	Total	Aver- age
BUREAU OF CHARITIES.—Continued—								
Pro rata of executive cost 24 months' work		405.03						
Pro rata of clerical cost		130.50						
Visits to patients			370.30		5,450.63			
Patients treated in prison						800		
Patients treated in Emergency Hospital, redressings						2,986		
Vaccinations						1,972		
Cases in hospitals investigated						816		
Cases examined for admission to Hospital						62		
Cost of each unit						784		
							7,420	.735

TABULATED REPORT OF THE EXPENDITURES IN THE WORK OF SPECIAL SANITATION DURING THE FISCAL YEAR
1910-1911 OF FUNDS APPROPRIATED FOR THIS WORK IN CONJUNCTION WITH THE UNITED STATES PUBLIC
HEALTH AND MARINE HOSPITAL SERVICE.

Special Sanitation.	1910												1911			
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total			
Rent	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	30.00	30.00	33.30	138.30			
Rent of Typewriters	4.00	7.00	10.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	81.00			
Printing and Stationery	4.53	15.43		2.67	26.88	15.99	14.61	6.51	1.99	22.55	12.38		123.51			
Laboratory and Headquarters	116.38	144.40	77.14	121.49	57.08	125.23	87.16	79.64	151.63	100.15	113.59	92.49	1206.18			
Rat Traps	27.80		111.85	128.50	66.80	86.95	57.01	56.05	56.05	56.05	50.00	28.80	726.16			
Supplies and Field Equipment	50.32	1.80	81.11	21.08	31.17	20.14	9.07	13.90	21.61	41.93		27.85	323.61			
Incidentals	24.25	63.52	43.50	14.45	131.70	51.53	35.11	28.55	44.15	16.75	43.65	102.06	599.82			
Salaries	50.00	550.00	950.00	1050.00	1050.00	1013.35	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	11463.35			
Total	782.88	787.15	1278.60	1349.89	1375.63	1325.19	1264.96	1246.65	1340.46	1321.43	1307.22	1311.90	14724.96			

Respectfully submitted,
 PERCY R. HENNESSY,
 Auditor, Department of Public Health.

FINANCIAL STATEMENT OF THE DEPARTMENT OF

	1910					
	July	Aug.	Sept.	Oct.	Nov.	Dec.
Special Sanitation—						
Salaries	550.00	550.00	950.00	1050.00	1050.00	1013.35
Expense	232.88	237.15	328.60	299.89	325.63	511.94
Central Office—						
Salaries	6248.00	6165.00	7969.00	8021.40	7944.00	7781.65
Expense	907.60	964.16	996.83	895.25	961.95	1095.03
Emergency Hospital—						
Salaries	1120.00	5262.75	5267.70	5250.00	5470.00	5550.00
Maintenance	1134.85	1359.89	971.60	1193.33	1271.97	1397.56
Relief Home—						
Salaries	5126.10	5516.00	5127.10	5562.50	5518.15	5613.50
Maintenance	8995.88	8876.33	9193.18	9303.05	10024.52	8992.93
Other appropriations					1113.59	396.73
City and County Hospital—						
Salaries	1637.95	1778.00	1835.85	1802.00	1702.25	1716.15
Maintenance	5974.15	6156.39	6958.92	6967.42	6495.65	6612.49
Care of patients in private hospitals	3119.57	3611.94	3544.07	3615.03	4515.08	5140.85
Isolation Hospital—						
Salaries	900.00	900.00	905.00	905.00	915.00	915.00
Maintenance	580.34	630.74	682.59	645.19	582.17	721.15
Equipment of Infirmary bldg.			15443.16	7276.66	7797.41	1690.29
Burial of Indigent Dead.....	231.50	367.00	171.50	231.50	369.50	231.00
Total	43162.12	45675.35	62885.10	55444.22	56006.83	52081.92

*Overdrawn.

**Including Additional Appropriation.

PUBLIC HEALTH FISCAL YEAR 1910-1911

1911						Total		Balance	Appropriation
Jan.	Feb.	Mar.	Apr.	May	June				
1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	11463.35			
214.96	196.65	290.46	274.43	257.22	291.90	3261.61	14724.96	.04	14725.00
7844.35	8258.85	8329.00	8214.00	8335.00	8329.00		93844.25	.75	93845.00
866.46	983.81	1298.49	1092.28	1117.85	914.49		**12034.20	5.80	12040.00
5470.00	5470.00	5470.00	5360.00	5360.00	5388.00		63438.45	1.55	63440.00
1299.40	976.05	1232.93	1227.88	1240.70	1251.75		14467.91	32.09	14500.00
5566.00	5447.00	5530.00	5484.50	5493.60	5507.90	66092.35			
9999.23	9856.11	10038.46	9368.78	9568.58	10316.19	114833.24	180925.59	.41	180926.00
691.85	769.00	.....	200.00	775.00	350.96		4267.13	97.87	4365.00
4813.55	4831.85	4730.25	4746.05	5646.85	6549.30	59820.05			
7545.27	6026.09	7397.02	6889.62	8563.04	10182.31	85168.67	**		
5593.86	4416.53	4508.81	4619.65	4387.10	4098.73	51201.22	196189.94	.30	196190.24
896.87	891.00	922.85	993.00	1025.00	931.00		11099.72	.28	11100.00
468.17	581.26	592.26	670.89	706.41	1174.23		7975.36	24.64	8000.00
.....	2566.00	1812.34	.....	128.36	.....		32454.22	136.78	32591.00
340.00	199.50	234.50	206.50	290.50	276.50		3355.50	* 355.50	3000.00
52659.97	52519.70	53437.37	50397.58	53945.21	56612.26		634777.23	300.51	634722.24
								* 355.50	

Respectfully submitted,

PERCY R. HENNESSY,

Auditor Department of Public Health.

CITY CASES IN PRIVATE HOSPITALS, FISCAL YEAR 1910-1911.

Name of Hospital.	No. of Patients July 1	Admitted During Year	Total	Discharged During Year	Remaining June 30	Cost of Maintenance
Jacobi Infirmary Home	0	10	10	3	7	\$ 91.29
McNitt Hospital	0	1	1	1	0	52.34
French Hospital	0	1	1	0	1	298.38
Children's Hospital	33	33	34	28	6	1,385.03
Hahnemann Hospital	32	510	572	535	37	18,906.17
Lane Hospital	27	482	509	480	29	13,714.12
University of California Hospital	28	353	381	351	30	17,233.23
Total	8	1,120	1,508	1,338	170	\$51,501.22

Average Cost of Each Patient, \$31.96.

AVERAGE NUMBER OF CASES AND COST MONTHLY IN PRIVATE HOSPITALS, FISCAL YEAR 1910-1911.

Name of Hospital.	July	August	September	October	November	December
McNitt Hospital	1	1	2	2	6	1
Children's Hospital	28	31	34	33	41	44
Hahnemann Hospital	28	30	32	29	31	34
University of California Hospital	26	24	28	33	37	39
Total	81	87	96	98	115	121
	\$ 1,119.57	\$ 961.94	\$ 1,541.07	\$ 1,615.53	\$ 1,515.08	\$ 1,110.85

Name of Hospital.	January	February	March	April	May	June
Jacobi Infirmary Home	6	7	1	1	1	3
French Hospital	5	5	1	1	1	1
Children's Hospital	54	28	43	43	42	37
Hahnemann Hospital	33	36	31	31	26	29
Lane Hospital	11	38	31	33	32	30
University of California Hospital	131	119	118	116	107	106
Total	191	199	195	195	187	186
	\$ 2,504.86	\$ 2,416.53	\$ 2,428.81	\$ 2,619.65	\$ 2,387.10	\$ 2,008.51

Respectfully submitted,

P. R. HENNESSY,
Auditor, Dept. of Public Health.

DIVISION OF VITAL STATISTICS

FISCAL YEAR 1910-11

ESTIMATED POPULATION	475,000
DEATHS REGISTERED	6,356
ANNUAL DEATH RATE PER 1,000 OF POPULATION.....	13.59

TOTAL DEATHS.....		6,356
LESS CHILDREN UNDER ONE WEEK OF AGE....	191	
NON-RESIDENTS	358	
DEATHS FROM EXTERNAL CAUSES	531	
	1,080	
NET ANNUAL DEATH RATE	11.10	5,276

BIRTHS REGISTERED	6,636
ANNUAL BIRTH RATE PER 1,000 OF POPULATION.....	13.97

STILL BIRTHS REGISTERED	360
(Not Included in Birth or Mortality Tables.)	
MARRIAGE LICENSES ISSUED.....	5,159
(By County Clerk.)	

ED. M. COFFEY
STATISTICIAN

BIRTHS REGISTERED DURING FISCAL YEAR 1910-1911.

MONTH	SEX		RACE				NATIVITY OF PARENTS											MIXED PARENTAGE					
	MALES	FEMALES	White	Black	Chinese	Japanese	Twins (pairs)	Triplets	U. S.	Gt. Britain.	Ireland	Germany	France	Italy	Scandinavia	China	Japan	Others	Unascertained	Anglo-Saxon	Latin	Others	
1910.																							
July	523	286	497	0	11	15	6	0	238	15	19	12	9	58	13	4	14	23	3	42	5	3	
August	554	295	530	3	11	10	8	0	244	7	25	13	9	71	16	2	9	36	8	36	5	1	
September	517	278	531	0	12	4	6	0	230	23	32	16	13	58	20	4	4	34	6	39	4	0	
October	583	297	561	2	13	7	4	0	268	15	25	11	14	61	18	1	7	24	7	39	7	0	
November	570	307	545	4	13	8	5	0	260	11	27	17	3	62	16	5	8	12	8	31	4	0	
December	522	269	502	0	5	15	4	0	230	8	30	11	7	54	9	1	45	41	2	42	1	0	
1911—																							
January	518	282	489	2	17	10	4	0	213	15	21	14	14	65	13	5	9	22	3	36	3	0	
February	489	253	471	2	10	6	3	0	222	8	31	11	9	44	12	5	6	37	6	40	3	1	
March	583	313	565	1	8	9	0	0	234	10	35	12	8	76	20	2	9	27	5	46	1	0	
April	518	274	491	1	16	7	6	0	231	15	29	9	9	44	14	1	9	13	5	35	4	0	
May	627	328	591	5	22	9	8	0	363	11	29	12	5	60	23	4	8	44	8	47	8	0	
June	602	303	577	0	16	9	12	0	272	13	20	19	16	71	26	1	8	39	1	46	1	0	
Totals	6546	3455	6353	20	154	109	68	0	2965	151	318	157	411	714	194	37	105	417	68	482	36	8	

STILL BIRTHS REGISTERED
(Not included in Birth or Mortality tables.)

	1910						1911					
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
FEMALES.....	21	13	23	15	20	6	29	16	24	9	13	14
MALES.....	145	21	13	23	15	20	6	29	16	24	9	13
GRAND TOTALS...	360	215	145	21	13	23	15	20	6	29	16	24

MARRIAGE LICENSES ISSUED
(By County Clerk)

TOTAL	1910						1911					
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
5159	377	417	442	462	462	483	385	385	303	419	420	604

TABLE NO. 1—Continued.
CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.
For the Fiscal Year Ending June 30, 1911.

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	1910						1911					
				July		Aug.		Sept.		Oct.		Nov.		Dec.	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
35. Disseminated tuberculosis	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
36. Rickets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37. Syphilis (congenital)	18	5	13	2	3	1	1	1	1	—	—	—	—	1	—
37. Syphilis (acquired)	26	21	5	1	2	—	—	2	1	—	—	1	—	2	1
38. Tetanus	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
38. Tetanus in foetus (septicemia fol.)	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
39. Cancer of the buccal cavity	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
39. Cancer of the buccal cavity—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lip	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Maxilla	11	11	—	1	—	—	—	1	—	—	—	—	—	1	—
Sarcoma Maxilla	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mouth	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Tongue	11	10	1	—	—	—	—	2	1	1	1	1	1	—	—
Tongue (oper. shock)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40. Cancer of the stomach and liver—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stomach	117	99	18	7	5	7	3	10	1	9	5	12	1	7	4
Stomach (operative shock)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Liver	11	25	16	6	2	2	1	1	2	1	2	2	3	—	2
Liver, sarcoma of	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
41. Cancer of the peritoneum, intestines, rectum—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Intestines	34	11	23	2	6	1	1	1	—	1	3	—	—	1	—
Rectum	27	17	10	2	1	5	—	2	1	—	—	—	—	1	—
Rectum (oper. shock)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sarcoma of intestines	3	3	—	—	—	—	—	—	—	—	—	—	—	—	—
Sarcoma of intes. (op. shock)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
42. Cancer of the female genital organs—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Uterus	56	—	56	8	2	—	—	—	—	9	—	1	—	2	—
Uterus (operative shock)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vagina	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Vagina (operative shock)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sarcoma of uterus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
43. Cancer of the breast	30	30	—	3	1	—	—	1	—	1	—	—	—	1	—

[illegible]

[illegible]

[illegible]

[illegible]

XIV. Ill-Defined Diseases.

[illegible]

TABLE No. II.

REPORT OF DEATHS REGISTERED DURING

				GRAND TOTALS.		MALES		FEMALES		By											
CAUSES OF DEATH (International Classification)										Under- 1 Week	1 Wk. to 1 Mo.	1 Mo. to 6 Mos.	6 Mos. to 1 Yr.	1 to 2 Yrs.		2 to 5 Yrs.					
										M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.					
DEATHS FROM ALL CAUSES.				6,508,970	2,386,126	65	61	59	121	197	57	50	68	57	24	25					
I.	General Diseases	1,812	1,181	630	2	1	1	7	13	6	10	12	19	2	1	11					
II.	Diseases of Nervous System	506	266	246	3	2	3	2	7	5	7	1	2	3							
III.	Diseases of Circulatory System	1,260	770	490	1		1	1	1				1								
IV.	Diseases of Respiratory System	672	391	279	2		9	1	22	24	27	18	22	24	1	5					
V.	Diseases of the Digestive System	599	382	217	3	2	9	13	51	23	9	11	11	8	3	1					
VI.	Diseases of Genito-Urinary System	327	290	237	2				1	3	1	1	1	1							
VII.	The Puerperal State	18		18																	
VIII.	Diseases of the Skin	34	19	15			1		1												
IX.	Diseases of the Bones	6	6											1							
X.	Malformations	73	10	33	27	14	7	8	5	3	1										
XI.	Diseases of Early Infancy	211	130	81	8	14	26	24	17	11			1								
XII.	Old Age	70	32	38																	
XIII.	Affections Produced by External Causes	531	119	82			1			2			1		2	1					
XIV.	III Defined Diseases	18	11	7					9	3	1	1		2		1					
1. General Diseases.																					
1.	Typhoid fever	69	53	16										1							
2.	Typhus fever																				
3.	Relapsing fever																				
4.	Malaria	9	9																		
5.	Smallpox																				
6.	Measles	15	10	5							3		2		2	2					
7.	Scarlet fever	17	10	7									2	1	1	1					
8.	Whooping cough	28	11	17			1		2	3	2	2	6		5						
9.	Diphtheria	26	15	11					1				1	1	1	2					
10.	Influenza	13	6	7									1								
11.	Miliary fever																				
12.	Asiatic cholera																				
13.	Cholera nostras																				
14.	Dysentery (Amebic)	2	2																		
	(Acute)	2	1	1																	
	(Chronic)	1		1																	
15.	Plague																				
16.	Yellow Fever																				
17.	Leprosy																				
18.	Erysipelas (idiopathic)	12	5	7			1				1										
	Following wound neck	1	1																		
	Following wound nose	1	1																		
19.	Other epidemic diseases																				
20.	Purulent infection and septicaemia																				
	Following splinter in foot	1	1																		
	Following injury to hand	5	2	3																	
	Following needle prick hand	1	1	1																	
	Following wound face	1	1																		
	Following tooth bite tongue	1	1																		
	Streptococci	2	2																		
	Cause unknown	1	1																		
	Pyemia following wound head	1	1																		
	Cause Unknown	1		1																	
21.	Glanders																				
22.	Anthrax																				
23.	Rabies																				
24.	Tetanus (Trismus Neonatorum)	2	2		2																
	Full punctured wound breast	1	1																		
	Full punctured wound face	1	1																		
	Following infected wound foot	3	3																		
	Following infected wound hand	2	2																		
	Full ulcerated hemorrhoids	1	1																		
	Following vaccination	1	1																		
25.	Mycoses (actinomycosis)	1	1																		

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Ages																																
3 to 4 Yrs.		4 to 5 Yrs.		Total under 5 Yrs.		5 to 10 Yrs.		10 to 20 Yrs.		20 to 30 Yrs.		30 to 40 Yrs.		40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs.		80 to 90 Yrs.		90 to 100 Yrs.		Over 100 Yrs.		Un- ascertained				
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
18	22	13	12	49	38	49	33	102	76	39	217	547	230	668	295	631	285	561	346	403	345	165	160	12	15	.....	.....	2	.....	.....	.....
7	4	6	5	80	72	25	18	40	37	153	82	224	91	246	96	203	94	138	74	63	50	9	14	.....	.....	.....	.....	.....	.....	.....	.....
3	3	.....	2	24	27	4	4	6	4	6	7	16	12	27	29	46	37	55	40	60	57	19	22	3	1	.....	.....	.....	.....	.....	.....
1	1	.....	6	2	5	2	11	9	9	21	28	53	24	110	53	139	62	191	119	152	121	79	61	3	6	.....	.....	.....	.....	.....	.....
2	7	5	2	89	74	6	4	7	4	26	11	54	15	58	27	58	23	39	43	39	50	16	19	2	2	.....	.....	.....	.....	.....	.....
2	3	1	1	92	75	2	3	15	6	24	18	50	18	68	32	62	16	42	17	19	21	8	4	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	.....	4	7	1	.....	6	7	15	23	38	31	57	41	48	41	64	42	41	25	14	13	2	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	26	.....	16	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	2	1	1	1	1	2	1	2	2	2	2	4	1	3	3	1	1
.....	40	33
.....	130	81
.....
.....
4	2	2	13	5	5	2	16	7	93	22	109	19	99	4	71	10	26	5	14	4	1	4
.....	10	7	1
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TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	Males	Females	By					
				Under 1 Week	1 Wk to 1 Mo.	1 Mo to 6 Mos.	6 Mos. to 1 Yr.	1 to 2 Yrs.	2 to 3 Yrs.
				M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
26. Pellagra	1	1	1						
27. Beriberi	1	1	1						
28. Tuberculosis of the lungs	702	525	167			6	1	1	1
29. Acute miliary tuberculosis	25	11	11				1	1	1
30. Tuberculous meningitis	47	26	21			2	1	1	3
31. Abdominal tuberculosis									
Intestinal	12	7	5						
Peritoneal	11	1	7					1	1
32. Pott's disease		7	1						1
33. White Swellings (Tuber, Hip-Joint)	1		1						
34. Tuberculosis of other organs—									
Kidneys	1	0	1						
Kidney (oper. shock)	1		1						
35. Disseminated tuberculosis									
36. Rickets	1	1					1		
37. Syphilis (congenital)	18	9	9	1	2	2	2		
38. Syphilis (acquired)	29	2	2						
39. Gonorrhea infectn (septicemia fol.)	2	1	1						
40. Cancer of the buccal cavity (lip)									
Maxilla	11	11							
Sarcoma Maxilla	2	2							
Mouth	1		1						
Tongue	11	10	1						
Tongue (oper. shock)	1								
41. Cancer of the stomach and liver—									
Stomach	117	99	18						
Stomach (operative shock)	2	1	1						
Liver	11	25	16						
Liver, sarcoma of	1	1							
42. Cancer of the peritoneum, intestines									
rectum—									
Intestines	34	11	23						
Rectum	27	17	10						
Rectum (oper. shock)	0		3						
Sarcoma of intestines	0								
Sarcoma of intest. (op. shock)	1	1							
43. Cancer of the female genital organs—									
uteri—									
uteri	56		4						
uteri (operative shock)	1								
Vagina	1		1						
Sarcoma of uterus	2		2						
44. Cancer of the breast	3		3						
Oper. shock	1		1						
Sarcoma of breast	1		1						
45. Cancer of the skin (Face)	8	6	2						
46. Cancer of other or unspecified organ—									
Bladder (urinary)	6	4	2						
Heart	1	1	1						
Kidney	2								
Larynx	8	6	2						
Larynx (oper. shock)	1	1	1						
Lung	8	4	4						
Nose	1		1						
Orbit	1		1						
Penis	2	2							
Prostate	1	1							
Prostate (oper. shock)	1	1							
Shoulder	1	1							
Spine	1		1						
Spleen	1	1							
Throat	4	2	2						
Disseminated cancer	1		1						
Sarcoma Brain	1	2							
Uterus	1	1							

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FISCAL YEAR ENDING JUNE 30, 1911.

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TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	By							
				Under 1 Week	1 Wk. to 1 Mo.	1 Mo. to 6 Mos.	6 Mos. to 1 Yr.	1 to 2 Yrs.	2 to 3 Yrs.		
				M. F.	M. F.	M. F.	M. F.	M. F.	M. F.		
Kidney	2	1	1								
Larynx	1	1									
Leg	1		1								
Lung	1	1									
Neck	3	3									
Testicle	1	1									
Thigh	2	2									
Thyroid Gland	1		1								
46. Other tumors (except of female genital organs)—											
47. Acute articular rheumatism	18	7	11								
48. Chronic rheumatism and gout	5	2	3								
Arthritis Deformans	5	2	3								
49. Scurvy											
50. Diabetes	104	54	50								
51. Exophthalmic goitre	4		4								
Operative shock	1		1								
52. Addison's disease	1	1									
53. Leukaemia	9	2	7								
54. Anaemia, chlorosis (per. anemia)	26	16	10					1			
55. Other General Diseases (purpura hemorrhagica)	4	2	2		1	1					
56. Alcoholism (acute or chronic)	70	57	13								
57. Chronic lead poisoning											
58. Other chronic occupation poisonings											
59. Other chronic poisonings— (Morphinism)	18	17	1								
II. Diseases of the Nervous System.											
60. Encephalitis	3	2	1				1				
Abscess of brain	9	7	2								
61. (a) Simple meningitis, (cerebral)	26	11	15			2	2	2	2	1	2
Spinal	2	1	1			1					
61. (b) Cerebrospinal meningitis	20	9	11			1		2	2	1	1
61c. Epidemic cerebro-spinal meningitis	4	3	1						1		1
62. Locomotor ataxia	24	20	4								
63. Other diseases of the spinal cord (Poliomyelitis)	2	1	1								
Acute ascending paralysis	1	1									
Bulbar paralysis	1	1									
Paralysis agitans	9	5	4								
Myelitis, acute	1	1									
Progressive muscular atrophy	6	4	2								
Spinal tumor	1	1									
Sclerosis—lateral		2									
64. Cerebral hemorrhage, apoplexy	275	114	161								
65. Softening of the brain	26	16	10								
66. Paralysis without specified cause	22	6	16								
67. General paralysis of the insane (Paresis)	13	9	4								
68. Other forms of mental alienation (Mania)	2		2								
69. Epilepsy	12	6	6		1						
70. Convulsions (nonfebrile)											
71. Convulsions of infant	18	9	9	2	2	2	1	1			
72. Chorea											
73. Neuritis and neuritis (multiple neuritis)	3	1	2								
74. Other diseases of the nervous system											
Tumor of brain	15	6	9								
Cretinism	2	1	1						1		
Neurasthenia	1		1								

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FISCAL YEAR ENDING JUNE 30, 1911.

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FISCAL YEAR ENDING JUNE 30, 1911.

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VITAL STATISTICS

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)		GRAND TOTALS...	MALES	FEMALES	By											
					Under 1 Week		1 Wk. to 1 Mo.		1 Mo. to 6 Mos.		6 Mos. to 1 Yr.		1 to 2 Yrs.		2 to 3 Yrs.	
					M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
103.	Other diseases of stomach (cancer excepted)— Gastritis Dilation of	34 1	20 1	14	1	1	2	10	2			1		1		
104.	Diarrhea and enteritis (under 2 years— Cholera infantum Diarrhea Enteritis Entero. colitis Gastro-enteritis Ileo-colitis	9 6 37 2 60 8	9 4 15 2 33 4	14 2 22 1 27 4				5 2 2	3 1 8	3 2 18	1 2 1	1 2 4	1 2 5	1 2 2		
105.	Diarrhea and enteritis (2 years and over)— Diarrhea Enteritis Entero-colitis Gastro-enteritis Duodenal ulcer	3 6 3 21 7	1 3 2 10 5	2 3 1 11 2											2	
106.	Ankylostomiasis															
107.	Intestinal parasites															
108.	Appendicitis (Operative sepsis) (Operative shock)	77 1 2	53 1 1	24 1 1							1					
109.	Hernias (Operative shock)	19 2	10 2	9 2												
109a.	Intestinal obstructions (Operative sepsis) (Operative shock) Intussusception (Operative shock) Volvulus	27 1 3 7 1 3	18 1 2 3 1 3	9 1 1 4 1 3		1	2					2	1			
110.	Other diseases of the intestines— Peril fistula Ischiorectal abscess Intestinal hemorrhage Proctitis	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1					1							
111.	Acute yellow atrophy of the liver	2	2	1												
112.	Hydatid tumor of the liver															
113.	Cirrhosis of the liver	168	123	45												
114.	Biliary calculi	8	3	5												
115.	Other diseases of the liver— Cholecystitis Abscess of Hypertrophy of Inflammation of	9 10 1 2	4 7 1 2	5 3 1 2												
116.	Diseases of the spleen (hypertrophy of) Rupture of	1 1	1 1	1 1												
117.	Simple peritonitis (nonpuerperal)	7	4	3					1							
118.	Other diseases of digestive system (excepting cancer, tuberculosis)— Pancreatitis Pancreatitis (oper. shock) Abscess rectum (septicemia fol.) Subhepatic abscess (septicemia following)	2 1 1 1	2 1 1 1	2 1 1 1												
VI. Diseases of Genito Urinary System.																
119.	Acute nephritis	140	84	56		2			1	3		1	1			
120.	Bright's disease	377	221	156												
121.	Chyluria															
122.	Other diseases of the kidneys and adnexa— Pyelonephritis (operative sepsis)				1	1										

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FISCAL YEAR ENDING JUNE 30, 1911.

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TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	By							
				Under 1 Week	1 Wk. to 1 Mo.	1 Mo. to 6 Mos.	6 Mos. to 1 Yr.	1 to 2 Yrs.	2 to 3 Yrs.	4	
				M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	
Of neck (septicemia following)	2	1	1								
Of shoulders (septicemia foll.)	1	1			1						
Phlegmon thigh (sept. foll.)	2	2									
Psoas abscess (sept. foll.)	2		2								
145. Other diseases of the skin and adnexa											
Cellulitis	3	2	1								
Eczema	1		1								
IX. Diseases of the Bones.											
146. Diseases of the bones (tuberculosis excepted)—											
Osteomyelitis leg	3	3						1			
(Operative shock)	1	1									
(Septicemia following)	2	2									
147. Diseases of the joints (excepting tuberculosis and rheumatism)											
148. Amputations											
149. Other diseases of the organs of locomotion											
X. Malformations.											
150a. Hydrocephalus	6	2	4	1		1	1	2			
150b. Congenital malformation of heart	48	23	19	21	11	5	5	3	1	2	
150c. Other congenital malformations—											
Cleft palate	2		2			1		1			
Hermaphrodite	1	1		1							
Imperforate Anus	5	3	2	3	2						
Pyloric stenosis	7	4	3	2	1	1		1	2		
Spina Bifida	3	1	2			1	1	1			
Malformation duodenum	1		1			1					
XI. Diseases of Early Infancy.											
151a. Premature birth	123	71	49	59	28	11	18	4	2		
151b. Congenital debility, "atrophy," "marasmus," "inanition," etc.	40	26	14	7	3	8	4	11	7		
Icterus neonatorum	3	2	1	2			1				
152. Other diseases peculiar to early infancy—											
Asphyxia neonatorum	7	1	3	3	4	3					
Atelectasis of lungs	8	7	1	5	1	2					
Hemorrhagica neonatorum	4	3	1		1	3					
Melena neonatorum	2	1	1	1	1						
Septic infection new born	2	1	1			1	1				
Suppression urine (cause unknown)	1	1		1							
Enlarged thymus gland	1		1					1			
Injuries at birth (Application forceps)	16	10	6	8	6	1		1			
Suffocation (over laid)	1	1			1			1	2		
153. Lack of care											
XII. Old Age.											
154. Senility	70	32	38								
XIII. Affections Produced by External Causes.											
155. Suicide by Poison—											
Arsenic	1	1									
Bi Chloride Mercury	8	2	6								

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FISCAL YEAR ENDING JUNE 30, 1911.

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TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	By							
				1 to 1 Wk.	1 Wk. to 1 Mo.	1 Mo. to 1 Yr.	1 Yr. to 2 Yrs.	2 to 3 Yrs.			
				M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	
Carbolic acid	9	7	2								
Chloral hydrate	1	1									
Chloroform	3	1	2								
Corrosive sublimate	1		1								
Cyanide potassium	7	7									
Lysol	1	1									
Morphine	2	2									
Nitric acid	1	1									
Opium	1		1								
Strychnine	1		1								
156. Suicide by asphyxia (illuminating gas)	23	19	4								
157. Suicide by hanging or strangulation	8	6	2								
158. Suicide by drowning	3	2	1								
159. Suicide by firearms	50	55	1								
160. Suicide by cutting or piercing instruments	12	11	1								
161. Suicide by jumping from a high place (from bridge)	1	1									
(from cliff)	1	1									
(from window)	4	3	1								
162. Suicide by crushing											
163. Other suicides—											
164. Poisoning by food (Ptomaine)	3	3									
Canned salmon	1	1									
Mussels and mushrooms	1	1									
165. Other acute poisonings—											
Bi-chloride mercury (accidentally self-administered)	1		1								
Carbolic acid (accidentally self-administered)	1		1								
Cyanide of potassium (accidentally self-administered)	2	2									
Lysol (accidentally self-admin.)	1	1						1			
Methyl alcohol (accidentally self-administered)	1	1									
Morphine (accidentally self-administered)	3	2	1								
Opium (accidentally administered)	2	2				1					
166. Burns Conflagration	6	5	1								
167. Burns (conflagration excepted)—											
Accidental ignition clothing											
Playing with matches	3	1	2								1
Explosion gasoline	2	2									
Explosion kerosene	1		1								
Exploding sewer gas	1	1									
Bonfire	3	2	1					1			
Open stove	1	1									
Burns (unqualified)	1	1									
168. Absorption of deleterious gases (conflagration excepted)—											
Illuminating gas (accidental)	40	31	9								
Charcoal fumes	4	3	1				1				
Suffocation (buried by coal)	1	1									
Ether Anesthesia	5	4	1								2
169. Accidental drowning (in bay)	57	57									
In bath tub	1	1									
In pond	3	2	1								
170. Traumatism by firearms	6	6									
171. Traumatism by cutting or piercing instruments											
172. Traumatism by fall—											
From baby carriage	1	1					1				

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TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	By							
				Under 1 Week	1 Wk. to 1 Mo.	1 Mo. to 6 Mos.	6 Mos. to 1 Yr.	1 to 2 Yrs.	2 to 3 Yrs.		
				M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
Into basement	1	1									
From bridge	1	1									
From building	6	6									
From cliff	4	4									
Down elevator shaft	3	3									
On floor	1	1	1								
Down light well	1	1									
From ladder	2	2									
On pavement	9	7	2								
From pile driver	1	1									
From porch	2	1	1								
From scaffold	8	8									
Into hold of ship	3	3									
From rigging of ship	1	1									
From sliding board	1	1									
Down stairs	12	9	3								
From telegraph pole	1	1									
Into open trench	1	1									
From open window	3	1	2								
172a. Crushed by elevators	6	6									
173. Traumatism in mines and quarries											
174. Traumatism by machines											
Crushed in flywheel	1	1									
Crushed in shafting	2	2									
Crusher in thresher	1	1									
Struck by breaking cable	1	1									
Struck by crane	1	1									
Struck by steam shovel	1	1									
175a. Railroad accidents and injuries—											
Run over by train	4	4									
Struck by locomotive	8	8									
Crushed between car & platform	2	2									
In railroad wreck	2	2									
175b. Street car accidents and injuries—											
Fall from electric car	7	6	1								
Run over by electric car	6	6									
Struck by electric car	21	17	4								
Collision electric car and wagon	2	2									
175c. Automobile accidents and injuries—											
Crushed by overturning auto	4	4									
Hurled from auto	1	1									
Struck by auto	12	9	3								
175d. Injuries by other vehicles—											
Fall from buggy	2	1	1								
Run over by wagon	7	6	1								
Struck by wagon	2	1	1								
Thrown from wagon	6	6									
175e. Landslide—other crushing ..											
By caving earth	3	3									
By falling bale rags	1		1								
By falling bucket	1	1									
By falling plank	2	2									
By falling wall	1	1									
By iron plate	1	1									
176. Injuries by animals—											
Kicked by horse	4	3	1					1			
177. Starvation											
178. Excessive cold											
179. Effects of heat	1	1									
180. Lightning											
181. Electricity (lightning excepted) ..	3	2	1								
182. Homicide by firearms	31	21	10								
183. Homicide by cutting or piercing instruments ..	6		1								

FISCAL YEAR ENDING JUNE 30, 1911.

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FISCAL YEAR ENDING JUNE 30, 1911.

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TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
DEATHS FROM ALL CAUSES.	6,356	3,970	2,386	1,861	723	1,390	864	469	766
I. General Diseases	1,812	1,181	631	599	267	419	274	91	138
II. Diseases of Nervous System	506	266	240	95	64	113	76	1	104
III. Diseases of Circulatory System	1,260	770	490	254	53	311	173	133	235
IV. Diseases of Respiratory System	672	394	278	205	106	110	72	13	96
V. Diseases of the Digestive System	563	382	211	202	102	122	64	40	38
VI. Diseases of Genito-Urinary System	529	290	239	104	32	127	117	43	81
VII. The Puerperal State	48	—	48	—	—	—	44	—	—
VIII. Diseases of the Skin	34	19	15	6	2	9	4	2	9
IX. Diseases of the Bones	6	6	—	3	—	3	—	—	—
X. Malformations	73	40	33	10	33	—	—	—	—
XI. Diseases of Early Infancy	211	130	81	130	81	—	—	—	—
XII. Old Age	70	32	38	4	7	11	4	17	27
XIII. Affections Produced by External Causes	531	449	82	190	22	137	38	24	18
XIV. Ill-Defined Diseases	18	11	7	10	7	—	—	—	—
1. General Diseases.									
1. Typhoid fever	69	53	16	37	6	11	9	1	—
2. Typhus fever	—	—	—	—	—	—	—	—	—
3. Relapsing fever	—	—	—	—	—	—	—	—	—
4. Malaria	9	9	—	7	—	1	—	1	—
5. Smallpox	—	—	—	—	—	—	—	—	—
6. Measles	15	10	5	10	4	—	1	—	—
7. Scarlet fever	17	10	7	9	7	1	—	—	—
8. Whooping cough	28	11	17	11	17	—	—	—	—
9. Diphtheria	26	15	11	14	10	—	1	1	—
10. Influenza	13	6	7	1	1	5	2	—	4
11. Miliary fever	—	—	—	—	—	—	—	—	—
12. Asiatic cholera	—	—	—	—	—	—	—	—	—
13. Cholera nostras	—	—	—	—	—	—	—	—	—
14. Dysentery (Amoebic)	2	2	—	—	—	—	—	—	—
(Acute)	2	1	1	1	1	—	—	—	—
(Chronic)	1	—	1	—	—	—	1	—	—
15. Plague	—	—	—	—	—	—	—	—	—
16. Yellow Fever	—	—	—	—	—	—	—	—	—
17. Leprosy	—	—	—	—	—	—	—	—	—
18. Erysipelas (idiopathic)	12	5	7	2	1	2	3	1	3
Following wound neck	1	1	—	—	—	1	—	—	—
Following wound nose	1	1	—	—	—	1	—	—	—
19. Other epidemic diseases	—	—	—	—	—	—	—	—	—
20. Purulent infection and septicaemia—									
Following splinter in foot	1	1	—	—	—	1	—	—	—
Following injury to hand	5	3	2	1	—	2	1	—	—
Following needle prick hand	1	—	1	—	—	1	1	—	—
Following wound face	1	1	—	—	—	—	—	—	—
Following tooth bite tongue	1	1	—	—	—	1	—	—	—
Streptococci	2	2	—	—	—	2	—	—	—
Cause unknown	1	1	—	—	—	1	—	—	—
Pyemia following wound head	1	1	—	1	—	—	—	—	—
Cause Unknown	1	—	1	—	—	—	—	—	—
21. Glanders	—	—	—	—	—	—	—	—	—
22. Anthrax	—	—	—	—	—	—	—	—	—
23. Rabies	—	—	—	—	—	—	—	—	—
24. Tetanus (Trismus Neonatorum)	2	2	—	2	—	—	—	—	—
Foll. punctured wound breast	1	1	—	—	—	1	—	—	—
Foll. punctured wound face	1	1	—	—	—	1	—	—	—
Following infected wound foot	2	2	—	2	—	1	—	—	—
Following infected wound hand	2	—	—	—	—	2	—	—	—
Foll. ulcerated hemorrhoids	1	1	—	—	—	1	—	—	—
Following vaccination	1	1	—	1	—	—	—	—	—
25. Mycoses (actinomycosis)	1	1	—	1	—	—	—	—	—

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
26. Pellagra	1		1					1	
27. Beriberi	1	1							
28. Tuberculosis of the lungs.....	702	535	167	306	56	150	8	32	25
29. Acute miliary tuberculosis.....	25	14	11	10	5	4	3		1
30. Tuberculous meningitis	47	26	21	25	20	1	1		
31. Abdominal tuberculosis									
Intestinal	12	7	5	4	4	3			1
Peritoneal	11	4	7	3	3		2	1	
32. Pott's disease	7	7	1	6	1	1			
33. White Swellings (Tuber, Hip-Joint)	1		1		1				
34. Tuberculosis of other organs—									
Kidneys	3	2		2		1			
Kidney (oper. shock)	1		1		1				
35. Disseminated tuberculosis									
36. Rickets	1	1		1					
37. Syphilis (congenital)	18	5	13	5	13				
38. Syphilis (acquired)	26	24	2	15		3	2	2	
39. Gonococcus infects (septicemia fol.)	2	1	1						
40. Cancer of the buccal cavity	3	3		1		2			
Maxilla	11	11		2					
Sarcoma Maxilla	2	2				1		1	
Mouth	1		1				1		
Tongue	11	10	1			9	1		
Tongue (oper. shock)	3	3		1		2			
41. Cancer of the stomach and liver—									
Stomach	117	99	48	23	6	52	21	22	20
Stomach (operative shock).....	2	1	1	1			1		
Liver	41	25	16	7	1	15	12	3	3
Liver, sarcoma of	1	1				1			
42. Cancer of the peritoneum, intestines, rectum—									
Intestines	34	14	20	7	2	7	10		8
Rectum	27	17	10	5	1	9	4	3	5
Rectum (oper. shock)	3		3				3		
Sarcoma of intestines	3	3		1		1		1	
Sarcoma of intest. (op. shock)	1	1		1					
43. Cancer of the female genital organs—									
Uterus	56		56			31			18
Uterus (operative shock).....	3		3				2		1
Vagina	1		1				1		
Sarcoma of uterus	2		2						2
44. Cancer of the breast	34		34			20			10
Operative shock	1		1						1
Sarcoma of breast	1		1			1			
45. Cancer of the skin (Face).....	8	6	2	1	1	1		2	1
46. Cancer of other or unspecified organs									
Bladder (urinary)	6	4	2	1		1	1	2	1
Chest	1	1				1			
Kidney	2	2							
Larynx	8	6	2	2	1	3		1	1
Larynx (oper. shock)	1	1				1			
Lung	8	4	4		1	2			
Neck	3			2				1	
Orbit	1		1						1
Penis	2			1					
Prostate	9	9				4			
Prostate (oper. shock)	1	1				1			
Shoulder	1	1				1			
Spine	1		1		1				
Spleen	1	1		1					
Throat	1		1			2	1		1
Disseminated cancer	1		1						1
Sarcoma Brain	2					1			
Ilium	1	1						1	

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1911.

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertained	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
							1														1
			1				1														1
			33	1	449	158	72	5	8	2	6	2	63	28	106	43	91	37	260	54	15
	8	2			13	11	1						1	4	3	3	5	1	5	2	1
					24	21	2						8	8	10	10	4	2	4	1	
						7	5							1	3	2	1	1	3	1	
						8	7		1				1	1	1	3		2	3		
						7	1						1	1	4	1		2	1		
						7	1									1					
							1														
						3									2			1			
							1									1					
						1															
						3	13	2					2	7	3	5		1			
						23	2	1					1		2		6	2	15		
		1	1				1	1							1				1		
							3									2			1		
						11										3		8			
						2												2			
							1									1					
	1				10	1										3	1	7			
					3													2		1	
	1	1	2		94	48	5					5		4	2	22	11	68	35		
					1	1												1	1		
					24	16	1						1	1	4	2	7	22	4		
							1											1			
					12	26	2					1	2	3	1	2	6	8	11		
					17	16								2	1	2	3	13	6		
						3															1
							1											3			
						2															
						1												1			
		2										1									
						55						1		2		7	22		25		
						3											1		2		
						1											1				
						1											1				
						2											1				
						36							2		16		6		18		
						1													1		
						1													1		
						6	2					1				1	1	4	1		
						4	2											4	2		
						1										1					
						2									2						
						6	2								1	1	1	5			
						1												1			
						4	4							1	1		1	3	2		
						5										4		1			
							1												1		
			1			2										1		1			
						9											3	6			
						1												1			
						1												1			
							1												1		
						1															
						2	2									1	1	1	1		
							1														
	1					2												2			
						1										1					

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS..	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
Kidney	12	1	1			1	1		
Larynx	1	1				1			
Leg	12		2		1				1
Lung	1	1		1					
Neck	3	3		2		1			
Testicle	1	1				1			
Thigh	12	2	1	1		1			
Thyroid Gland	1		1						1
46. Other tumors (except of female genital organs)—									
47. Acute articular rheumatism	18	7	11	6	9	1	2		
48. Chronic rheumatism and gout	5	2	3	1		1			
Arthritis Deformans	5	2	3			2	1		2
49. Scurvy									
50. Diabetes	104	54	50	11	9	32	23	8	17
51. Exophthalmic goitre	4		4			1		1	1
Operative shock	1		1		1				
52. Addison's disease	1	1				1			
53. Leukaemia	9	2	7	2	1		4		2
54. Anaemia, chlorosis (per. anemia)	26	16	10	6	4	9	3	1	3
55. Other General Diseases (purpura hemorrhagica)	4	2	2	1	1	1			1
56. Alcoholism (acute or chronic)	70	37	33	24	1	23	10	2	
57. Chronic lead poisoning									
58. Other chronic occupation poisonings									
59. Other chronic poisonings— (Morphinism)	18	17	1	9		2	1		
II. Diseases of the Nervous System.									
60. Encephalitis	3	2	1	2	1				
Abscess of brain	9	7	2	4		2	2		
61. (a) Simple meningitis, (cerebral)	26	11	15	7	1	3	2	1	
Spinal	2	1	1	1					
61. (b) Cerebrospinal meningitis	29	9	11	7	9	2	2		
61c. Epidemic cerebro-spinal meningitis	4	3	1	3	1				
62. Locomotor ataxia	24	24	4	11	1	7	1	1	2
63. Other diseases of the spinal cord (Poliomyelitis)	2	1	1	1	1				
Acute ascending paralysis	1	1						1	
Bulbar paralysis	1	1	3	1					2
Paralysis agitans	9	7	1	1	1			1	3
Myelitis, acute	1	1				1			
Progressive muscular atrophy	6	4	2	1		2	1	1	1
Spinal tumor	1	1						1	
Sclerosis lateral	5	2	3	1		1	1		2
64. Cerebral hemorrhage, apoplexy	27	16	11	23	11	7	13	3	7
65. Softening of the brain	26	16	10	2	2	8	3		5
66. Paralysis without specified cause	22	16	6	1	2	2	3	1	10
67. General paralysis of the insane (Paresis)	13	9	4	1		3	1	2	3
68. Other forms of mental alienation, (Mania)	2		2						
69. Epilepsy	12	6	6	3	2	2			1
70. Convulsions (nonpuerperal)									
71. Convulsions of infants	18	9	9	9	9				
72. Chorea									
73. Neuralgia and neuritis (multiple neuritis)	3	1	2			1	2		
74. Other diseases of the nervous system									
Tumor of Brain	1		1		1				
Cretinism	1	1		1	1				
Neurasthenia	1		1		1				

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FISCAL YEAR ENDING JUNE 30, 1911.

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertained	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
				1	1											1	1				
				1														1			
				1	2													1		1	
				2			1											3			
				1										1							
				2												1		1			
					1															1	
				6	11	1						2	9	3		1		1		2	
				2	3									1				1		1	
				2	3											1	2		1		
1	1	2		52	50	2						5	3	3	7	18	14	27	26	1	
					4								1		1		2				
					1									1							
					7	1						1			1		2		2		
				16	10							2	2	1	2	7	3	6		3	
				2	2																
2		6	2	57	13							10	3	8	1	5	2	29	4	5	3
		6		16	1	1						2		4		2		3	1	6	
				2	1									1		1	1				
		1		7	2							1		5	1	2	1	4			
				11	13			2				4	3	5	3	1	3	1		1	1
				1	1									1	1						
				9	11							2	5	3	3	4	2				
				3	1							2	1					1			
1				20	3		1					2		3	2	6		9	2		
				1	1									1			1				
				1										1							
				1	3									1			2			1	
				5	4									1			1		4	4	
				1												1					
				4	2											1		3		2	
				1														1			
				1	3	1										2		2		1	2
1		3	1	141	129	2	1				2	1	4	10	3	38	40	91	83	3	2
				16	10									1		7	1	8			
		1		5	16	1										1	4	5	12		
				9	4											3	1	6	3		
					2											1				1	
1				6	5						1	2		2	3	2	1		2		
				9	8		1					5	6	4	3						
				1	2							1	1							1	
				1	1		3	2	1	2		1	1		3	2	1	2	2		
				1								1	1								
					1															1	

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	SEX					
				Single		Married		Widowed	
				M	F	M	F	M	F
75. Diseases of the eyes and their adnexa									
76. Diseases of the ears (otitis septi- cemia following)	3	1	2	1	1		1		
III. Diseases of the Circulatory System.									
77. Pericarditis	9	6	3			1	1		2
78. Acute endocarditis	62	38	24	24	14	8	12	1	2
79. Organic diseases of the heart—									
Valvular	117	261	184	88	129	106	69	52	98
Dilatation of	55	49	26	13	34	25	14	5	9
Endocarditis, chronic	54	35	21	16	32	12	24	6	15
Fatty heart	30	16	14			6	2	1	9
Myocarditis, chronic	350	216	134	62	110	81	49	48	72
80. Angina pectoris	38	21	17	3	1	15	8	3	8
81. Diseases of arteries, (atheroma, aneurysm, etc.)—									
Aneurysm of aorta	19	17	2	1		9	1	2	1
Arterio-Sclerosis	145	100	45	28		39	2	28	33
Atheroma of arteries									
82. Embolism and thrombosis	24	9	15	4	3	4	3	1	5
83. Diseases of veins (varices, hemor- rhoids, phlebitis, etc.)	2		2				1		1
84. Diseases of lymphatic system (lym- phangitis, etc.)	1		1		1				
85. Hemorrhage; other diseases of cir- culatory system (Hemophilia).	2	2		2					
IV. Diseases of the Respiratory System.									
86. Diseases of the nasal fossae									
87. Diseases of the larynx (laryngismus stridulus)	1	1		1					
Phlegmon of	1	1			1				
88. Diseases of the thyroid body (hy- pertrophy of)	1	1					1		
89. Acute bronchitis	51	27	24	22	12	2	3	3	7
90. Chronic bronchitis	53	29	24	7	4	8		3	26
91. Bronchopneumonia	159	78	81	51	44	11	16	8	19
92. Lobar pneumonia	346	229	117	103	40	73	24	25	36
93. Pleurisy	31	24	10	11	2	9	2	1	5
94. Pulmonary congestion, pulmonary apoplexy	1		1						1
95. Gangrene of the lung	1	1		1					
96. Asthma (bronchial)	11	6		2	1	1	2		2
97. Pulmonary emphysema	3	2	1	1		1	1		
98. Other diseases of the respiratory sys- tem (tuberculosis excepted)									
Abscess of Lung	8	6	2	4	2	2			
V. Diseases of the Digestive System.									
99. Diseases of the mouth and adnexa— Glossitis	1	1							
100. Diseases of the pharynx (Pharyngi- tis streptococcic)	1		1		1				
Laceration from foreign sub- stance	1	1		1					
Tonsillitis	1	1		1			2		
101. Diseases of the oesophagus									
Stenosis of	1		1		1				
102. Ulcer of the stomach	23	18	5	7	3	11	1		1
(Operative sepsia)	1	1				1			
(Operative shock)	2	1	1	1			1		

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[illegible]

* At Sea.

[illegible]

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	Social					
				Single		Married		Widow	
				M.	F.	M.	F.	M.	F.
122. Other diseases of the kidneys and adnexa—									
Perinephritis (operative sepsis)	1	1				1			
Pyelitis	3	2	1			2	1		
123. Calculi of the urinary passages									
(pyonephrosis)	8	4	4	3			3		1
Pyonephrosis (op. shock)	2	1	1				2		
Renal calculus	1	1				1			
Vesical calculus (oper. sepsis)	1	1		1					
124. Diseases of the bladder—									
Cystitis, chronic	14	12	2	4		4	1	4	1
125. Diseases of the urethra, urinary abscess, etc.									
126. Diseases of the prostate (hypertrophy of)	2	3		1		2			
Hypertrophy of (oper. shock)	2	3				2			
Inflammation of	1	5		1		2		2	
127. Nonvenereal diseases of male genital organs (abscess scrotum)	1	1		1					
128. Uterine hemorrhage (nonpuerperal)									
129. Uterine tumor (noncancerous)									
Fibro-myoma of	6	6							1
(Operative shock)	1	1					1		
130. Other diseases of the uterus (pelvic abscess)	3	3					3		
Prolapse of	2	2					1		1
Retroversion of	1	1					1		
Endometritis (operative sepsis)	1	1					1		
131. Cysts and other tumors of the ovary	4	4					2		2
(Operative shock)	1	1					1		
132. Salpingitis and other diseases of female genital organs	12	12		1			9		
(Operative sepsis)	3	3					2		1
(Operative shock)	4	4		1			3		
133. Nonpuerperal diseases of the breast (cancer excepted)									
VII. The Puerperal State.									
134. Accidents of pregnancy—									
Abortion (natural)	1	1					1		
Abortion (self induced)	4	4			1		3		
Abortion (homicide)	5	5					3		
Miscarriage	1	1					1		
Extra uterine pregnancy	5	5					5		
(Operative shock)	2	2					2		
135. Puerperal hemorrhage (placenta previa)	5	5					5		
136. Other accidents of labor—									
Cesarian section	2	2					2		
Difficult labor	3	3					3		
137. Puerperal septicæmia	9	9					9		
138. Puerperal albuminuria and convulsions	7	7		1			6		
139. Puerperal phlegmasia alba dolens									
embolus, sudden death	3	3					3		
140. Following childbirth (not otherwise specified)									
Puerperal insanity	1	1					1		
141. Puerperal diseases of the breast									
VIII. Diseases of the Skin.									
142. Gangrene	15	7	8				1	2	7
143. Furuncle		1	1	1	1				

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1911.

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal.		Other States		Foreign		Unascertained	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
					1														1		
					2	1										1		1	1		
		1			4	4										1	3	2	1	1	
					2											1			1		
					1											1		1			
					12	2										4		8	2		
					2		1											3			
					2											1		1			
					5											3		2			
					1											1					
					6							1		1		1			3		
					1									1							
					2		1												2		
					2											1			1		
					1									1							
					3		1							1		1					
					1				1					1		1			2		
	2				11		1				1		1		1	6			4		
					1				2		1				2						
					4								1		1	2			1		
					1											1					
					4									1		2			5		
					1							1		1		1			2		
					1									3					2		
					1				1										2		
					5							1		1		1			2		
					2							1							1		
					3							1		1					1		
					9							1		1		2			5		
					7									2		3			2		
					3							1		2							
					1											1					
		2			6		8			1				1	1	6			7		
					1		1					1		1							

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
Carbuncle (septicemia foll.).....	5	4	1	1	.....	3	1	.....	.....
144. Acute abscess (of mediastinum).....	1	1	.....	1	.....	.....	.....	.....	.....
Of neck (septicemia following).....	1	1	.....	1	.....	.....	.....	.....	.....
Of shoulders (septicemia foll.).....	1	1	.....	1	.....	.....	.....	.....	.....
Phlegmon thigh (sept. foll.).....	2	.....	.....	1	.....	1	.....	.....	.....
Psoas abscess (sept. foll.).....	1	.....	.....	.....	.....	.....	1	.....	1
145. Other diseases of the skin and adnexa	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cellulitis.....	2	2	.....	.....	.....	2	1	.....	.....
Eczema.....	1	.....	1	.....	.....	.....	.....	.....	1
IX. Diseases of the Bones.									
146. Diseases of the bones (tuberculosis excepted)—	.....	.....	.....	.....	.....	.....	.....	.....	.....
Osteomyelitis leg.....	3	3	.....	1	.....	2	.....	.....	.....
(Operative shock).....	1	1	.....	1	.....	.....	.....	.....	.....
(Septicemia following).....	2	2	.....	1	.....	1	.....	.....	.....
147. Diseases of the joints (excepting tuberculosis and rheumatism).....	.....	.....	.....	.....	.....	.....	.....	.....	.....
148. Amputations.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
149. Other diseases of the organs of locomotion.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
X. Malformations.									
150a. Hydrocephalus.....	6	2	4	2	4	.....	.....	.....	.....
150b. Congenital malformation of heart.....	18	29	19	29	19	.....	.....	.....	.....
150c. Other congenital malformations—	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cleft palate.....	2	.....	2	.....	2	.....	.....	.....	.....
Hernaphrodite.....	1	1	.....	1	.....	.....	.....	.....	.....
Imperforate Anus.....	5	3	2	2	2	.....	.....	.....	.....
Pyloric stenosis.....	7	4	3	4	3	.....	.....	.....	.....
Spina Bifida.....	3	1	2	1	2	.....	.....	.....	.....
Malformation duodenum.....	1	.....	1	.....	1	.....	.....	.....	.....
XI. Diseases of Early Infancy.									
151a. Premature birth.....	123	74	49	74	49	.....	.....	.....	.....
151b. Congenital debility, "atrophy," "marasmus," inanition, etc.....	40	26	14	26	14	.....	.....	.....	.....
Icterus neonatorum.....	1	2	1	2	1	.....	.....	.....	.....
152. Other diseases peculiar to early infancy—	.....	.....	.....	.....	.....	.....	.....	.....	.....
Asphyxia neonatorum.....	7	4	3	4	3	.....	.....	.....	.....
Atelectasis of lungs.....	8	7	1	7	1	.....	.....	.....	.....
Hemorrhagia neonatorum.....	4	3	1	3	1	.....	.....	.....	.....
Melena neonatorum.....	2	1	1	1	1	.....	.....	.....	.....
Septic infection new born.....	2	1	1	1	1	.....	.....	.....	.....
Suppression urine (cause unknown).....	1	1	.....	1	.....	.....	.....	.....	.....
Enlarged thymus gland.....	1	.....	1	.....	1	.....	.....	.....	.....
Injuries at birth (Application forceps).....	10	10	.....	10	.....	.....	.....	.....	.....
Suffocation (over laid).....	4	1	3	1	3	.....	.....	.....	.....
153. Lack of care.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
XII. Old Age.									
154. Senility.....	70	22	48	4	7	11	4	17	27
XIII. Affections Produced by External Causes.									
155. Suicide by Poison—
Arsenic.....	1	1	1

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FISCAL YEAR ENDING JUNE 30, 1911.

[illegible]

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
Bichloride mercury	2	2	0	1	1	1	1	1	1
Carbolic acid	9	5	4	2	1	2	1	1	1
Chloral hydrate	1	1	0	1	0	1	0	0	0
Chloroform	2	1	1	1	1	1	1	1	1
Corrosive sublimate	1	1	0	1	0	1	0	0	0
Cyanide potassium	1	1	0	3	0	2	0	0	0
Lysol	1	1	0	1	0	1	0	0	0
Morphine	1	1	0	1	0	1	0	0	0
Nitric acid	1	1	0	1	0	1	0	0	0
Opium	1	1	0	1	0	1	0	0	0
Strychnine	1	1	0	1	0	1	0	0	0
156. Suicide by asphyxia (illuminating gas)	23	19	4	2	1	9	3	1	1
157. Suicide by hanging or strangulation	8	6	2	1	0	2	2	1	1
158. Suicide by drowning	3	2	1	1	0	1	0	0	1
159. Suicide by firearms	59	55	4	25	1	12	2	2	1
160. Suicide by cutting or piercing instruments	12	11	1	3	0	5	1	3	0
161. Suicide by jumping from a high place (from bridge)	1	1	0	1	0	1	0	0	0
(from cliff)	1	1	0	1	0	1	0	0	0
(from window)	1	1	0	1	1	2	0	0	0
162. Suicide by crushing	1	1	0	1	0	1	0	0	0
163. Other suicides—									
164. Poisoning by food (Ptomaine).....	3	3	0	1	0	1	0	1	0
Canned salmon	1	1	0	1	0	1	0	0	0
Mussels and mushrooms	1	1	0	1	0	1	0	0	0
165. Other acute poisonings—									
Bichloride mercury (accidentally self-administered)	1	1	0	1	0	1	0	0	0
Carbolic acid (accidentally self-administered)	1	1	0	1	0	1	0	0	1
Cyanide of potassium (accidentally self-administered)	2	2	0	1	0	2	0	0	0
Lysol (accidentally self-admin.)	1	1	0	1	0	1	0	0	0
Methyl alcohol (accidentally self-administered)	1	1	0	1	0	1	0	0	0
Morphine (accidentally self-administered)	2	2	0	1	0	1	1	0	0
Opium (accidentally administered)	2	2	0	1	0	1	0	0	0
166. Burns (conflagration)	6	5	1	1	1	3	0	0	0
167. Burns (conflagration excepted)—									
Accidental ignition clothing	3	1	2	1	2	0	0	0	0
Playing with matches	2	2	0	1	0	0	0	1	0
Explosion gasoline	1	1	0	1	0	0	0	0	1
Explosion kerosene	1	1	0	1	0	0	0	0	0
Exploding sewer gas	1	1	0	1	0	1	0	0	0
Bonfire	3	2	1	2	1	0	0	0	0
Open stove	1	1	0	1	0	0	0	0	0
Burns (unqualified)	1	1	0	1	0	1	0	0	0
168. Absorption of deleterious gases (conflagration excepted)—									
Illuminating gas (accidental)	40	31	9	17	2	6	3	4	4
Charcoal fumes	1	1	0	1	0	1	0	0	0
Suffocation (buried by coal)	1	1	0	1	0	1	0	0	0
Ether Anesthesia	1	1	0	1	0	1	0	0	0
169. Accidental drowning (in bay)	57	57	0	22	0	9	0	1	0
In bath tub	1	1	0	1	0	0	0	0	0
In pond	1	1	0	1	1	0	0	0	0
170. Traumatism by firearms	6	6	0	5	0	0	0	1	0
171. Traumatism by cutting or piercing instruments	1	1	0	1	0	0	0	0	0

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1911.

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertained	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	1			2	6									2	6						
		2		7	2									1	2			3	1	2	
				1										1							
				1	2							1									
				1	1																
1		1		7	1							1		1		2		2		1	
				1														1			
		1		2												1				1	
		1		1												1				1	
						1													1		
				1												1					
1		6		19	4									1	1	3	1	11	2	4	
1		1		4	1	1	1	1						1		1		3			
		1		2															1	2	
1		16		55	4							1	1	8		9		19	3	18	
				11					1			1				4		6	1		
		1		1																1	
		1		1																1	
				2	1	1										1	1	2			
				3												3					
				1								1									
				1														1			
						1														1	
						1															
				2											2						
				1											1						
				1												1					
				2	1													1		1	1
		1		2										1						1	
		1		5	1										1	3		1		1	
				1	2								1		1	1					
				2											1			1			
						1									1						
				1								1									
				1														1			
		4		30	9			1				2	1	2	1	5	3	16	4	6	
				3	1							2						1	1		
				1																	
				4	1							1		1	1					1	
		25		52		3		2				2		2	2			28		23	
				1														1			
		1		2	1							1	1							1	
				6								1		3	1			1			

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
172. Traumatism by fall—									
From baby carriage	1	1		1					
Into basement	1	1							
From bridge	2	2						2	
From building	6	6		5		1			
From cliff	4	4		3		1			
Down elevator shaft	3	3		3					
On floor	1		1				1		
Down light-well	1	1				1			
From ladder	12	12				1			
On pavement	9	9		3		3			9
From pile driver	1	1				1			
From porch	2	1	1		1				
From scaffold	2	8		2		6			
Into hold of ship	3	3		2		1			
From rigging of ship	1	1		1					
From sliding board	1	1		1					
Down stairs	12	9	3	6	1	2	2		
From telegraph pole	1	1		1					
Into open trench	1	1				1			
From open window	3	1	2	1					2
172a. Crushed by elevators	6	6		5		1			
173. Traumatism in mines and quarries									
174. Traumatism by machines									
Crushed in flywheel	1	1		1					
Crushed in shafting	2	2		1		1			
Crusher in thresher	1	1		1					
Struck by breaking cable	1	1				1			
Struck by crane	1	1		1		1			
Struck by steam shovel	1	1				1			
175a. Railroad accidents and injuries—									
Run over by train	4	4				1			
Struck by locomotive	8	8		5		2		1	
Crushed between car & platform	2	2				2			
In railroad wreck	1	2				1			
175b. Street car accidents and injuries—									
Fall from electric car	7	6	1	2		2	1	1	
Run over by electric car	6	6		4					
Struck by electric car	21	17	4	2		6	2	2	2
Collision electric car and wagon	2	2		1		1			
175c. Automobile accidents and injuries—									
Crushed by overturning auto	4	4				4			
Hurled from auto	1	1				1			
Struck by auto	12	9	3	5	1		1		1
175d. Injuries by other vehicles—									
Fall from buggy	2	1	1	1			1		
Run over by wagon	1	6	1	1	1				
Struck by wagon	2	1	1	1					1
Thrown from wagon	6	6		5		1			
175e. Landslide—other crushing									
By caving earth	3	3		1				1	
By falling bale rags	1		1				1		
By falling bucket	1	1				1			
By falling plank	2	2				1			
By falling wall	1	1						1	
By iron plate	1	1		1					
176. Injuries by animals—									
Kicked by horse	1		1		1				
177. Starvation									
178. Excessive cold									
179. Effects of heat	1	1							
180. Lightning									
181. Electricity (lightning excepted)		2	1			2	1		
182. Homicide by firearms	1	21	10	16	1		5		

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1911.

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertained	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.

TABLE No. II—Continued.
REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
183. Homicide by cutting or piercing instruments	6	5	1	3	—	1	1	—	—
184. Homicide by other means, (blows) ..	8	6	2	4	—	1	1	—	1
185. Fractures									
Ribs (manner unknown) ..	1	1	—	1	—	—	—	—	—
Skull (dive into swimming tank) ..	1	1	—	1	—	—	—	—	—
Skull (in collision at play) ..	1	1	—	1	—	—	—	—	—
Skull (manner unknown) ..	2	2	—	1	—	1	—	—	—
186. Other External Violence									
Accidental amputation legs by paddle wheel	1	1	—	—	—	—	—	—	—
XIV. Ill-Defined Diseases.									
187. Ill-defined organic disease									
Inanition marasmus (over 3 months)	17	10	7	10	7	—	—	—	—
188. Sudden death									
189a. Cause of death ill-defined									
189b. Cause of death not specified, or unknown (decomposed remains) ..	1	1	—	—	—	—	—	—	—

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1911.

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertained	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
		1		5		1						1		1				3		1	
		1		6	2							1		1				4	2		
				1								1									
				1										1							
				1										1							
				2										1				2			
		1		1																1	
				10	7							5	4	5	3						
		1		1												1					

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TABLE No. II—Continued.
REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1911.

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	PLACE OF DEATH																
				1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst. Unh. hos- pitals, etc		Refugee Camps		Non Resi- dent
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
90 Chronic bronchitis	55	20	35	6	4	2	4	1	2	3	2	2	3	3	6	6	1	1	1	1
91 Bronchopneumonia	150	78	81	18	21	6	6	4	6	18	21	3	10	10	21	17	1	1	1	1
92 Lobar pneumonia	446	229	117	28	26	20	14	14	8	32	19	11	7	12	35	12	1	1	1	1
93 Pleurisy	34	21	13	3	2	3	1	1	2	1	1	1	1	1	1	1	1	1	1	1
94 Pulmonary congestion, pulmonary apoplexy	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
95 Gangrene of the lung	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
96 Asthma (bronchial)	11	6	5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
97 Pulmonary emphysema	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
98 Other diseases of the respiratory system (tuberculosis excepted)	8	6	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Abscess of Lung																				
V. Diseases of the Digestive System.																				
99 Diseases of the mouth and adnexa—																				
100 Diseases of the pharynx (Pharyngitis streptococci)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ulceration from foreign substance	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tonsillitis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Dilatation of the oesophagus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Stenosis of																				
101 Floor of the stomach (Operative shock)	2	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1
102 Other diseases of stomach (cancer excepted)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
103 Gastritis	34	20	14	1	2	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1

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127. Inflammation of	5	5								5										2
128. Nonvenereal diseases of male genital Organs (abscess scrotum)	1	1																		1
129. Uterine hemorrhage (nonpuerperal) Uterine tumor (noncancerous) Fibro-myoma of (Operative shock)	6 1	6 1																		3 1
130. Other diseases of the uterus (pelvic abscess) Prolapse of Retroversion of Endometritis (operative sepsis)	3 2 1	3 2 1																		3 2 1
131. Cysts and other tumors of the ovary (Operative shock)	4 1	4 1																		1 1
132. Salpingitis and other diseases of fe- male genital organs (Operative sepsis) (Operative shock)	12 3 4	12 3 4																		10 3 4
133. Nonpuerperal diseases of the breast (cancer excepted)	4																			
VII. The Puerperal State.																				
134. Accidents of pregnancy— Abortion (natural) Abortion (self-induced) Abortion (homicide) Miscarriage Extra uterine pregnancy (Operative shock)	1 4 5 1 5 2	1 4 5 1 5 2																		1 1 1 1 1 1
135. Puerperal hemorrhage (placenta previa)	5																			3
136. Other accidents of labor— Cesarian section Difficult labor	2 3 9	2 3 9																		2 1 4
137. Puerperal septicemia																				1
138. Puerperal albuminuria and convul- sions	7	7																		4
139. Puerperal plegmasia alba dolens, embolus, sudden death	3	3																		2
140. Following childbirth (not otherwise specified) Puerperal insanity	1	1																		1
141. Puerperal diseases of the breast																				
142. Gangrene	15	7																		4

VIII. Diseases of the Skin.

TABLE No. II—Continued.

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1911.

CAUSES OF DEATH (International Classification)	PLACE OF DEATH																	
	1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst- tut. hos- pitals, etc		Refugee Camps		Non- Resi- dent	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Crushed in shafting	2																	
Crusher in thresher	1																	
Struck by breaking cable	1																	
Struck by crane	1																	
Struck by steam shovel	1																	
173a. Railroad accidents and injuries—																		
Run over by train	4	1		1														
Struck by locomotive	8			1														
Crushed between car & platform	2																	
In railroad wreck	2																	
173b. Street car accidents and injuries—																		
Fall from electric car	6	1				1												
Run over by electric car	6																	
Struck by electric car	17	4	1		1													
Collision electric car and wagon	2						1			10								
173c. Automobile accidents and injuries—																		
Crushed by overturning auto	4																	
Hurled from auto	1	1																
Struck by auto	12	9	1															
173d. Injuries by other vehicles—																		
Fall from buggy	1	1																
Run over by wagon	6	1	1															
Struck by wagon	2	1	1															
Thrown from wagon	6																	
173e. Landslide—other crushing																		
By caving earth																		
By falling bale rags	1	1																
By falling bucket	1	1																
By falling plank	1	1																
	2																	
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VITAL STATISTICS

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TABLE No. 4—Continued.

DEATHS BY SANITARY DISTRICTS, PUBLIC INSTITUTIONS, HOSPITALS, ETC., ARRANGED ACCORDING TO MONTHS—FISCAL YEAR ENDING JUNE 30, 1911.

LOCATION	GRAND TOTALS...	MALES	FEMALES	1910						1911					
				July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
				M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
*Handling city cases not sent to City and County Hospital.															
Youths' Directory	1	1													
Totals	1701	1056	645	100	51	91	41	77	13	96	64	81	54	99	57
United States Institutions.															
U. S. Marine Hospital	17	47			1	4	1	5	3	2	5	1	2	9	2
U. S. Army General Hospital	34	29	1	3	1	2	3	1	3	1	1	2	1	3	1
Presidio Reservation	1	1													
Fort McLawell	1	1						1					1		
Fort Mason	1	1													
Alcatraz Island	1	1						1							
Angel Island	1	1													
Yerba Buena Island (Naval Station)	6	6			1	1						2	1		
Total	91	83	6	7	1	9	1	6	6	6	9	3	1	12	6
En Route to Hospital															
Bay of San Francisco	71	59	12	3	6	5	6	1	5	6	7	3	6	2	1
Lake Merced	57	56	1	5	5	2	6	1	4	3	1	6	3	6	1
On vessels in bay	1	1													
Golden Gate Park	6	5	1				1		1			1	1	1	3
	9	9	1	1	1			2				1	1		
Total	144	129	15	9	15	2	8	13	7	10	9	13	3	11	9

TABLE No. V.

NATIVITIES OF DECEDENTS ARRANGED ACCORDING TO MONTHS—
FISCAL YEAR ENDING JUNE 30, 1911.

	GRAND TOTALS..	1910.						1911					
		July.....	August....	Sept.....	October....	November..	December..	January ..	February ..	March	April	May	June
Total Deaths during year	6356	533	499	453	572	522	528	615	505	570	501	555	503
NATIVITIES													
San Francisco.....	909	83	75	75	97	75	68	74	64	81	66	74	80
Other Parts of California.....	968	85	81	72	89	80	83	82	77	76	75	83	83
Other States and Territories.													
Alabama.....	11	1		3			1			1	3	1	1
Alaska Territory													
Arizona.....	2	1										1	
Arkansas.....	4		1			1			1				1
Colorado.....	2					1			1				
Connecticut.....	18	2	2	1	2	2	1	1	1	2	1	2	1
Delaware.....	3								1				
District of Columbia.....	6					1			1	2		1	1
Florida.....	2			1				1					
Georgia.....	6		2					1				2	1
Hawaiian Territory.....	10	1	2		1	3		1		1	1		
Idaho.....	2	1			1								
Illinois.....	78	7	5	9	5	8	6	4	5	6	7	7	9
Indiana.....	39	6			4	2	4	7	3	3	2	5	3
Indian Territory.....													
Iowa.....	35	2	4	4	5	1	2	2	5	2	3	3	2
Kansas.....	9	1		2			1			2	2		1
Kentucky.....	34	2	3	3	2	2	2	6	2	2	4	3	3
Louisiana.....	27	3	4	3	2	1	1	2	2	2	4	1	1
Maine.....	68	2	4	4	4	5	6	6	10	6	9	6	6
Maryland.....	30	2	3	2	2	2	1	6	2	6		1	3
Massachusetts.....	161	12	10	15	13	8	17	13	14	14	12	12	11
Michigan.....	34	3	3	1	6	3		2	4	4	3	2	1
Minnesota.....	11		1				2		3	2	2		1
Mississippi.....	5						1		1			1	
Missouri.....	60	4	3	5	5	4	2	8	6	6	9	5	3
Montana.....	1			1									
Nebraska.....	7	1			1	1			1	1		1	
Nevada.....	24	1	1	2	4	3	4	2	1	2	3	1	
New Hampshire.....	12	1	1		2	2	2	1	1		1		1
New Jersey.....	20		2	2	2	1	1	3	4	2	1	1	1
New Mexico.....													
New York.....	263	27	19	19	20	21	19	34	23	21	21	20	19
North Carolina.....	4	1			1							1	
North Dakota.....	2		1			1							
Ohio.....	80	5	4	2	13	7	8	6	4	8	13	5	5
Oklahoma.....	1						1						
Oregon.....	22	5	1	1	3	1	1	1	1	2	2		4
Pennsylvania.....	97	7	7	4	10	12	10	12	6	10	4	6	9
Rhode Island.....	19		4	2	3		1	1	1				6
South Carolina.....	6		1	1			1			1	1		1
South Dakota.....	1												
Tennessee.....	14	1	1	1	1	2		3		3	1	1	1
Texas.....	14	2	1		3	2	1	1	1	1	1	1	
Utah.....	5									1	1		2
Vermont.....	15		1	1	3	1	1		2	3	1	2	
Virginia.....	30	5	3	3	4	4		2	1	3	2	3	
Washington.....	10	1			1	1	2	1	1	1	1	1	
West Virginia.....	7				1	2		2	1		1	1	1
Wisconsin.....	22	2	6	1	2	1	2	1	2	1	3	1	
Wyoming.....	4				1			1			1		
Totals.....	1328	110	103	87	128	104	104	133	114	128	119	99	99

TABLE No. V—Continued.

NATIVITIES OF DECEDENTS ARRANGED ACCORDING TO MONTHS—
FISCAL YEAR ENDING JUNE 30, 1911.

	GRAND TOTALS.	1910						1911					
		July	August	Sept.	October	November	December	January	February	March	April	May	June
Foreign Countries													
Africa.....	2	1				1							
Austria.....	64	4	1	8	3	3	5	5	8	7	10	6	4
Australia.....	19	1	1	1	3	1	4	2	1	1	1	2	1
Belgium.....	4								1	1			2
British Columbia.....	6		1		1		1				1	12	1
Canada.....	94	5	10	5	12	9	8	7	9	8	5	9	7
Central America.....	1	1				1					1	1	1
China.....	212	22	18	19	15	16	13	22	15	24	18	19	13
Cuba.....	1											1	
Denmark.....	44	5	7	1	3	4	2	3	1	1	2	7	5
East Indies.....	1					1							
England.....	216	21	17	23	14	21	18	18	15	12	11	30	23
Finland.....	22	2	3		1	5	2	5				2	2
France.....	120	12	7	7	7	10	10	11	9	16	10	13	9
Germany.....	572	45	41	39	49	51	51	56	40	52	34	69	45
Greece.....	23	3	3		2			1	3	2		1	4
Holland.....	10	3		1	3	1							
Hungary.....	7	1	2	1	1			1					1
India.....	4					1			2	1			
Iceland.....	1								1				
Ireland.....	839	65	52	52	83	69	73	87	68	95	77	60	62
Isle of Man.....	1		1										
Italy.....	189	15	17	12	13	11	14	21	13	21	14	21	14
Japan.....	33	3	4	6	1	1	1	1	3	3	5	4	1
Korea.....	1					1							
Mexico.....	13	4	6	2	2	1	2	4	4	6	6	3	3
New Brunswick.....	10				1	2	1	1	1	1			
Newfoundland.....	3	1	1								1		
New Zealand.....	2											2	
Norway.....	52	2	6	2	4		5	7	3	6	7	8	2
Nova Scotia.....	19	2			1	3	6	1		2	1	3	
Philippines.....	8	1			1		1	1	1	2		1	
Porto Rico.....	3						1			1			
Portugal.....	17	1	1	1	3	3	1	3				2	2
Roumania.....	4			1	2								1
Russia.....	48	5	2	4	2	3	10	4	4	3	5	3	3
Scotland.....	77	5	10	5	3	8	6	10	8	4	5	3	12
South America.....	6	1	1	1					1	1	1	1	
Spain.....	14	1		2	3			1	4	1	1	1	
Sweden.....	81	6	9	8	7	5	11	10	9	2	6	6	6
Switzerland.....	10	1	4	1	4	5	4	1	4	3	7	5	1
Turkey.....	8					1		1	1		1	3	1
Wales.....	5	1	1		1		1						1
West Indies.....	7			2	1	2		1	1				
Totals.....	2900	241	226	202	240	244	253	292	250	338	230	278	225
At Sea.....	2		1						1				
Unknown.....	210	12	14	17	12	20	18	31	16	18	17	21	16

VITAL STATISTICS

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REPORT OF INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED DURING FISCAL YEAR 1910-1911.

To	1910					1911					Totals		
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.		May	June
San Francisco Cemeteries													
Calvary Receiving Vault.....	0	0	0	0	0	0	0	0	0	0	0	0	0
I. O. F. Rec. Vault.....	1	0	1	1	1	0	0	2	73	0	1	0	9
I. O. F. (For Cremation).....	48	50	59	71	50	52	75	56	0	53	61	36	686
Laurel Hill Vault.....	0	3	2	0	0	0	2	0	0	2	0	0	11
Masonic Vault.....	0	0	0	0	1	0	0	0	0	0	0	0	0
National Presidio.....	9	23	12	19	15	16	13	13	9	11	7	11	161
U. S. Marine Hospital.....	2	1	1	1	1	1	1	3	1	2	1	1	19
Yerba Buena Island.....	0	0	0	0	0	1	0	0	1	0	0	0	2
San Mateo County Cemeteries													
Cypress Lawn (For Cremation)...	0	0	0	0	0	0	0	0	0	0	0	0	0
Cypress Lawn (Interments).....	90	81	70	81	84	77	101	80	105	81	88	90	1010
Eternal Home.....	4	2	1	1	1	3	1	1	1	2	2	1	20
Green Lawn.....	6	8	13	10	17	8	12	6	5	3	8	5	101
Hills of Eternity.....	7	3	4	7	6	1	5	10	3	8	6	10	70
Holy Cross.....	191	167	160	233	170	165	199	169	192	172	181	172	2171
Home of Peace.....	9	6	1	10	6	4	8	5	5	2	5	1	48
Italian.....	36	28	33	20	31	31	36	22	33	31	41	39	390
Japanese.....	0	0	0	0	2	1	0	0	1	3	1	0	8
Mt. Olivet.....	61	65	19	71	69	79	71	59	77	49	83	65	801
Salon.....	15	8	11	7	13	16	11	8	10	14	10	7	133
San Mateo—Indigent.....	0	22	17	19	19	17	0	0	0	0	0	0	0
San Mateo—Chinese.....	19	0	0	0	0	0	21	18	16	12	18	15	213
Servian.....	0	0	3	0	0	3	1	1	1	1	0	2	12
Sunset—Indigent.....	46	11	43	42	59	41	62	17	0	16	61	48	592
Woodlawn.....	7	10	10	6	1	6	9	11	6	8	9	1	90
Medical Colleges.....	5	5	3	6	1	1	9	1	2	0	0	4	10
Outside Points.....	65	86	60	78	61	79	69	62	67	80	66	73	919
Total.....	633	615	536	686	617	610	718	571	600	589	652	590	7530
No. of Indigent Dead Interred.....	67	62	50	70	76	86	95	57	61	58	81	79	815

FRANK J. STANTON, Mortuary Clerk.

REPORTS OF DISINTERMENT AND REMOVAL PERMITS ISSUED DURING FISCAL YEAR 1910-1911

CEMETERIES	1910						1911						Totals
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	
DISINTERMENTS FROM.													
Calvary Cemetery	25	12	17	37	22	26	49	23	31	61	17	64	477
City Cemetery	22	5	1	3	6	6	3	1	0	1	1	5	51
I. O. O. F. Cemetery (Bodies)	15	8	8	7	19	18	14	8	29	28	29	36	298
I. O. O. F. Cemetery (Ashes)	43	17	36	9	47	23	40	42	54	61	71	70	538
Laurel Hill Cemetery	8	12	3	39	11	8	4	2	16	7	22	13	116
Masonic Cemetery	27	13	46	8	7	8	4	1	6	11	32	56	236
Masson-Dodman Cemetery	0	0	0	22	2	0	0	0	0	0	1	0	3
National (Presidio) Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
I. S. Marine Hospital Cem.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cooper Medical College	0	6	1	0	0	0	6	0	0	0	0	0	13
Total	131	140	112	116	111	89	122	80	132	169	296	221	1665
REMOVALS TO													
Cypress Lawn Cemetery	20	15	15	3	12	3	7	3	18	25	29	28	178
Eternal Home Cemetery	22	0	0	2	1	0	0	0	0	0	0	0	25
Green Lawn Cemetery	2	2	0	5	9	2	1	3	3	1	7	4	39
Hills of Eternity Cemetery	0	1	0	0	0	1	0	0	0	0	0	1	3
Holy Cross Cemetery	24	46	41	32	26	26	32	22	37	61	36	64	400
Home of Peace Cemetery	0	2	0	1	1	0	1	1	1	0	0	1	8
Italian Cemetery	0	1	0	0	0	7	1	1	0	1	0	4	15
Japanese Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Mt. Olivet Cemetery	4	6	9	7	5	16	8	7	16	6	15	6	105
Salem Cemetery	0	2	0	0	6	0	0	0	0	0	0	0	8
San Mateo (Chinese) Cemetery	0	0	0	0	0	0	9	0	2	0	0	0	2
Sunset Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
National S. F. Cemetery	1	0	0	0	0	0	0	0	0	1	0	0	3
Woodlawn Cemetery	12	7	37	18	14	3	5	4	5	10	7	44	156
I. O. O. F. Cemetery	2	10	10	2	1	11	1	1	3	13	29	20	116
Laurel Hill Cemetery (Ashes)	0	4	0	0	1	1	3	2	2	5	3	2	26
Masonic Cemetery (Ashes)	3	1	2	1	2	0	2	3	1	1	0	0	19
To Homes Incinerated (Ashes)	19	15	17	14	13	10	24	17	18	16	31	17	211
Cal Interior (Bodies)	3	10	9	13	5	0	10	0	8	5	5	8	79
Cal Interior (Ashes)	12	11	8	13	11	5	5	11	16	0	13	11	117
Other States	6	7	4	6	3	5	2	2	2	13	11	4	85
Total	171	110	112	116	114	89	122	90	132	169	296	221	1665

Respectfully submitted,
LAI REN-CH'WAI, S.H.,
Disinterment Inspector

